

**MINISTRY OF TRANSPORT AND COMMUNICATIONS****(Department of Transport)****MERCHANT SHIPPING***New Delhi, the 22nd June 1963*

**G.S.R. 1030.**—In exercise of the powers conferred by clauses (a), (b), (c) and (d) of section 87 read with section 83 of the Merchant Shipping Act, 1958 (44 of 1958), and in supersession of all previous rules and orders on the subject, the Central Government hereby makes the following rules, namely—

**1. Short title and Commencement.**—(1) These rules may be called the Merchant Shipping (Examination of Engineers in the Merchant Navy) Rules, 1963.

(2) They shall come into force on such date as the Central Government may by notification in the Official Gazette appoint in this behalf.

**2. Definitions.**—In these rules, unless the context otherwise requires—

(a) "Act" means the Merchant Shipping Act, 1958 (44 of 1958);

(b) "Examiner" and "Chief Examiner" mean the persons specified in Appendix 'A'.

**3. Certificates of Competency.**—The Certificates of Competency may be either First or Second Class and in each class, the Certificates may be granted as follows:—

(i) Steam Certificates entitling the holders to serve as engineers in the grade certified in steamships.

(ii) Motor Certificates entitling the holders to serve as engineers in the grade certified in motor ships, i.e. ships propelled by diesel (internal combustion) engines.

(iii) Combined Steam and Motor Certificates entitling the holders to serve as engineers in the grade certified in both steam and motor ships.

**4. Endorsement of Certificates.**—Holders of First or Second Class Certificates, Steam or Motor, will, after serving the necessary period of qualifying sea time in the other type of ship and passing the endorsement examination in the same class as for the certificate which they hold, be furnished with a combined Steam and Motor Certificate, entitling them to serve in either type of ship. Candidates holding a First Class Certificate who have passed the Second Class examination only for the other type of ship will have their First Class Certificate endorsed accordingly.

**5. Certificates as Extra First Class Engineers.**—The examinations for the Extra First Class certificates are intended for officers who wish to prove their superior qualifications and to have certificates of the highest grade granted by the Central Government (see rules 45 and 69).

**QUALIFICATIONS REQUIRED FOR THE VARIOUS GRADES OF  
CERTIFICATES OF COMPETENCY**

**SECOND CLASS CERTIFICATES AND ENDORSEMENTS**

**6. Qualifications for Second Class Certificate.**—(1) A candidate for a Second Class certificate must:

(a) be not less than 21 years of age;

(b) satisfy one or other of the requirements as regards workshop service or other training set out in rules 7 to 12, subject to the provisions as to compensatory sea service set out in rule 14; and

(c) have performed the requisite sea service set out in rule 15. He will be required to pass the examination as set out in rule 63.

(2) A candidate for the endorsement of a certificate must have performed the extra sea service set out in rule 16 and will be required to pass the examination as set out in rule 67.

(A) Workshop Service

**7. Service as Apprentice Engineer or Fitter.**—A candidate must have performed satisfactory service for not less than four years as apprentice engineer or eight years as fitter (including apprenticeship in the trade) on work suitable for the training of a marine engineer in the manufacture or maintenance of machinery. Not less than one of these four years' workshop service required as apprentice engineer should have been devoted to fitting, erecting or repairing machinery of a suitable size or description (e.g. work on marine engines, substantial auxiliary machinery and steering gears of a type fitted in ships, or on motive power machinery which has a similar value in the training of marine engineers) either in the works or outside; the remaining three years as apprentice engineer may have been spent on work of this nature or on other suitable work, subject to a time allowance for each type of work, examples of which are specified below:—

Metal turning	Full time upto a maximum of two years.
Brass finishing	Full time upto a maximum of one year.
Boiler making or repairing of boilers	Full time upto a maximum of one year.
Pattern making	Full time upto a maximum of one year.
Planing, slotting shaping and milling	Full time upto a maximum of one year.
Tool room	Full time upto a maximum of one year.
Approved schemes of training in the use of hand and small machine tools	Full time upto a maximum of one year.
Smith work	Full time upto a maximum of six months.
Coppersmith work	Full time upto a maximum of six months.
Welding	Full time upto a maximum of six months.
Work in drawing office as draughtsman or engineer engaged on arrangement, detail or design	Full time upto one year. When more than one year has been spent in the drawing office, only half the additional time will count.
Electrical shop or repair work not already covered above (excluding work of a minor nature)	Full time upto one year, additional at half rate. Maximum total 18 months.

**8. Full-time Technical College or University Course.**—As an alternative, the Chief Examiner will consider a candidate who has satisfactorily completed a full time course of study of at least the standard of a University degree in Engineering approved or recognised under rule 62, for a period of not less than three years at a Technical College or University. The candidate should have served for not less than 24 months in workshops on work suitable for the training of a marine engineer as prescribed in rule 7 above or otherwise to the satisfaction of the Chief Examiner. Not less than six consecutive months of this period should have been devoted to fitting, erecting or repairing machinery of a suitable size as required in that rule.

Suitable workshop training carried out during Technical College or University vacations and periods totalling not more than six months spent in works' apprentice training schemes for fitters and turners or on similar training in Technical College or University workshops will be allowed to count towards the required 24 months' service upto an overall maximum of nine months. Separate periods of training must be of not less than one month's duration.

**9. Student or Technical apprenticeships.**—As a further alternative, the Chief Examiner will consider a candidate who has performed satisfactory service for not less than four years in an organised student or technical apprenticeship accepted by the Central Government, provided that he has obtained one of the technical qualifications, referred to in rule 62 and has devoted not less than one year to fitting, erecting or repairing machinery of suitable size or description. The Chief



Examiner will be prepared to advise on the acceptability of any such apprenticeships for this purpose.

**10. Marine Engineer Training Schemes.**—The Central Government have also approved the Marine Engineering Course conducted by the Directorate of Marine Engineering Training, which consists of three years' workshop training in a recognised Marine Engineering Works combined with theoretical instructions conducted in evening classes. The workshop service is followed by further one year's full day classes in Advanced Marine Engineering subjects. Candidates who have satisfactorily completed this course of training, or any modification of this scheme which may be approved by the Central Government, or a similar scheme operated by recognised authorities in the United Kingdom, will be accepted.

**11. Schools outside India.**—Courses of study and apprenticeships served in the Commonwealth or in the Republic of Ireland or any other country whose courses of study and apprenticeships may be recognised as equivalent to courses of study and apprenticeships in India will be considered, but time spent in technical establishments in foreign countries will not be accepted except in special circumstances.

**12. Minimum age for apprenticeship.**—No period of workshop training or time devoted for apprenticeship spent before the age of 15 years can be accepted for the purpose of these rules.

**13. Testimonials.**—All candidates will be required to produce testimonials as to their workshop service. These testimonials must be signed by the employer or his representative, and must testify to the candidate's conduct and ability and state the kind of work on which he was engaged and the period of time spent in each branch, e.g. fitting, erecting, turning, machine work, etc. Testimonials will be returned to candidates when the examination is completed.

A specimen copy of the form of testimonial is set out in Appendix E. This form of testimonial is not applicable in the case of apprentices trained under one or other of the schemes set out in rule 10.

**14. Compensatory Service.**—Where candidates perform workshop service for the period of time prescribed in one of the rules 7, 8 or 9, deficiencies in any of the types of service which will be assessed in each case by the Chief Examiner, must be made up by further workshop service of a suitable character or by compensatory service on regular watch or on day work at sea.

Compensatory sea service must be performed either (a) on day work as engineer on board foreign-going or home-trade steamships of not less than 66 nominal horse-power and/or motor ships of not less than 373 brake horse-power, or (b) on regular watch on such ships as engineer. Time so spent on foreign-going ships will be accepted as having two-thirds of the value of suitable workshop service and on home-trade ships as having four-ninths of that value. No day work at sea performed before the age of 20 will be accepted.

#### (B) Sea Service

**15. Sea Service.**—Candidates for a Second Class Certificate of Competency must, in addition to the above requirements, have completed the following period of sea service:

- (a) For a *Steam Certificate*, 21 months, of which at least nine months must have been spent on the boilers and main propelling machinery of a steamship.

This period of at least nine months must have included at least six months' service on the boilers and six months' service on the main propelling machinery, but the service on the boilers and on the main propelling machinery may have been simultaneous.

The remaining twelve months (or balance of twelve months) may have been spent on the boilers of a steamship, or on the main propelling machinery of a steam or motor ship, or on suitable auxiliaries of a steam or motor ship (see rule 27) or on day work [see rule 17(a)].

- (b) For a *Motor Certificate*, 21 months, of which at least six months must have been spent on the main propelling machinery of a motor ship.

The remaining 15 months (or balance of 15 months) may have been spent on the main propelling machinery of a steam or motor ship, or

suitable auxiliaries of a steam or motor ship (see rule 27), or to the extent of not more than six months on the boilers of a steamship, or on day work [see rule 17(a)].

(c) For a *Combined Steam and Motor Certificate*, 24 months, of which at least:

(i) Nine months must have been spent on the boilers and main propelling machinery of a steamship.

This period must have included at least six months' service on the boilers and six months' service on the main propelling machinery, but the service on the boilers and main propelling machinery may have been simultaneous; and

(ii) Six months must have been spent on the main propelling machinery of a motor ship.

The remaining nine months (or balance of nine months) may have been spent on the boilers of a steamship or on the main propelling machinery of a steam or motor ship or on suitable auxiliaries of a steam or motor ship (see rule 27), or on day work [see rule 17(a)].

**16. Further Sea Service.**—Candidates for the endorsement of a Second Class Certificate of Competency must have completed:

(a) for the *Motor Endorsement of a Steam Certificate*, a further period of three months, provided that not less than six months' service in all shall have been service on the main propelling machinery of a motor ship.

(b) for the *Steam Endorsement of a Motor Certificate*, a further period of six months, provided that not less than nine months' service in all shall have been service on the boilers and main propelling machinery of a steamship.

This period of at least nine months must have included at least six months' service on the boilers and six months' service on the main propelling machinery but the service on the boilers and on the main propelling machinery may have been simultaneous.

**17. Nature of Service.**—Service required under rules 15 and 16 must have been performed in foreign-going steamships of not less than 66 nominal horse-power and/or motor ships of not less than 373 brake horse-power, as an engineer at sea on regular watch, i.e. on watch for not less than eight out of each 24 hours' service claimed, except that:

(a) day work, by which is meant engineering work at sea other than that performed on regular watch, will be counted at half rate with a maximum allowance of six months towards the qualifying period of sea service, provided that the work has been carried out within the engine or boiler spaces of a steam or motor ship at sea;

(b) the conditions under which service performed in ships other than foreign-going ships is allowed to count are set out in rules 28 to 35.

**18. Determination of horse-power.**—The nominal horse-power of a steamship, as given on the certificate of Registry, may in all cases be accepted by the Examiner; or it may be determined by the following formula:—

$$\text{N.H.P.} = \frac{(3H + D^2 \sqrt{S}) \sqrt{P}}{700}$$

Where H=heating surface of main boilers in square feet, measured down to the level of the fire bars, but excluding the front tube plate.

D<sup>2</sup>=square of diameter of low pressure cylinder, or sum of squares of diameters of cylinders in non-compound engines, measures in inches.

S=length of stroke of engines in inches.

P=pressure of main boilers in pounds per square inch.

The brake horse-power of a motor ship, as given on the Certificate of Registry, may in all cases be accepted by the Examiner. It may, however, be noted that 1 N.H.P.=5.65 B.H.P.

19. **Remissions.**—Candidates who fulfil either or both of the following requirements may be granted a remission of sea service not exceeding three months in respect of each requirement which they fulfil:

- (a) Candidates whose workshop service has been principally devoted to work on marine engines (steam or motor) or to other marine engineering work acceptable to the Chief Examiner, or who have satisfactorily completed a course of training under rule 10 incorporating such workshop service;
- (b) Candidates who, before commencing their qualifying sea service, have passed Part A of the examination for a Second Class Certificate or who have obtained a certificate, diploma or degree recognised by the Central Government as conferring full or partial exemption from Part A of the examination for a Second Class Certificate of Competency (see rules 61 and 62).

#### FIRST CLASS CERTIFICATES AND ENDORSEMENTS

20. **Period of Sea Service for Certificate.**—Candidates for a First Class Certificate of Competency must, except as provided in rule 24, hold a Second Class Certificate, and, whilst holding it, must have completed the same period of sea service as that required in rule 15 for the Second Class Certificate for Steam or Motor, as appropriate.

21. **Period of Sea Service for endorsement.**—Candidates for the endorsement of a First Class Certificate of Competency must have completed the same period of sea service as that required in rule 16 for the endorsement of a Second Class Certificate for Steam or Motor, as the case may be.

22. **Nature of Service.**—Service required under rules 20 and 21 must have been performed in foreign-going steamships of not less than 99 nominal horse-power and/or motor ships of not less than 560 brake horse-power as an engineer at sea on regular watch, i.e. on watch for not less than eight out of each 24 hours' service claimed. This service should have been performed as senior engineer in charge of the entire watch, but service as second in seniority on ships propelled by two or more sets of engines, or in large single-screw ships where there are three or more engineers on regular watch at the same time, will also be accepted at full time value. Service below this rank on such ships will count at half rate.

\* Day work will not be accepted.

\* The conditions under which service performed in ships other than foreign-going ships is allowed to count are set out in rules 28 to 35.

23. **Remissions.**—Candidates who fulfil either or both of the following requirements may be granted a remission of sea service not exceeding three months in respect of each requirement which they fulfil:

- (a) candidates awarded a remission under rule 19(a).
- (b) candidates who, before commencing their qualifying sea service, have passed Part A of the examination for a First Class Certificate or who have obtained a certificate, diploma or degree recognised by the Central Government as conferring full or partial exemption from Part A of the examination for a First Class Certificate of Competency (see rules 61 and 62).

24. **Grant of Certificate in Special Case.**—The Chief Examiner may, in special circumstances, allow a candidate who, in consequence of service abroad, has had no opportunity to obtain a recognised Second Class Certificate to be examined for a First Class Certificate, provided he is able to produce satisfactory evidence as to the character of his service, and in particular that his apprenticeship or technical studies, including workshop service, would have been acceptable if he were a candidate for the Second Class Certificate in India in the normal way. In general, such a candidate will be required to prove that he has served for at least four years in steamships of at least 99 nominal horse-power and/or motor ships of at least 560 brake horse-power, of which period at least 18 months must have been spent in charge of the entire watch on the boilers and main propelling machinery



of a steamship or on the main propelling machinery of a motor ship. A candidate must be able to give evidence of sufficient workshop training and, where appropriate, of studies at an appropriate technical institution. In particular he must satisfy the Chief Examiner that he is competent in Drawing and will be required to pass an additional paper equivalent to Section (iv) of Part A of the Second Class examination in this subject, unless he could be exempted from this paper as provided for in rule 62.

If any such candidate fails to pass the examination for the First Class Certificate but shows that he has reached the standard required for a Second Class Certificate, the Central Government may grant him such a certificate, but no part of the fee will be returned.

#### GENERAL PROVISIONS AS TO ELIGIBILITY

**25. Nature of qualifying service.**—Sea service means service on Articles of Agreement as engineer. When part or whole of the qualifying service has been performed in ships which for considerable periods have not been at sea, a statement or certificate from the owners of the ship must be produced showing the proportion of time actually spent at sea. If this time amounts to not less than two-thirds of the service required to qualify for the examination, the service will be accepted in full, but where the actual service at sea falls below this proportion, the deficiency must be made up by additional service at sea.

**26. Non-Engineer Service.**—Service in ships where a watch-keeping engineer is, as part of his regular duties, required to do stoking or other work not usually performed by an engineer in the Merchant Navy, cannot be accepted as qualifying.

**27. Service on auxiliary machinery.**—Time served on auxiliary machinery run in conjunction with the main propelling machinery (i.e. on auxiliaries which are essential to the running of the main propelling machinery and/or boilers) will be subject to the conditions as regards the minimum service on boilers and main engines, be allowed to count in full towards the qualifying period of sea service. Time served on suitable auxiliaries run independently of the main propelling machinery will be allowed to count at half rate.

**28. Home-Trade Ships.**—Service in home-trade ships will be allowed to count at two-thirds rate, provided that the class of service and the horse-power of the ship render the service acceptable in all other respects.

**29. Qualifying Coasting Voyages.**—In the case of Indian home-trade and coasting voyages extending beyond a distance of 500 miles from the port of departure such service will count as foreign-going voyages, and will be reckoned as full time.

**30. Service in ships trading entirely abroad.**—Service in ships trading entirely abroad will be accepted as equivalent to service in foreign-going ships, provided that the distance between the ports visited during the course of the voyage is at least 500 miles. If the distance is less than 500 miles, the service will be accepted as equivalent only to service in the home-trade, i.e. it will be allowed to count at two-thirds rate.

**31. Lake or river Service.**—Service as watch-keeping engineer in lake or river vessels will be accepted under the following conditions for a Steam or Motor Certificate, or a combined Steam and Motor Certificate, and will be counted at half rate (i.e. two months of lake or river service will be regarded as equivalent to one month foreign-going sea service), provided that:

- (a) in the case of a candidate for a Second Class Certificate, the service has been performed in lake or river steam vessels of not less than 66 nominal horse-power and/or motor vessels of not less than 373 brake horse-power, and the candidate has had, in addition to his lake or river service, at least three months' qualifying service\* at sea in a foreign-going ship or the equivalent service in the home-trade; or
- (b) in the case of a candidate for a First Class Certificate, the service has been performed in lake or river steam vessels of not less than 99

\*The conditions under which sea service must be performed in order to count towards the qualifying periods for Second and First Class Certificates are set out in rule 15 et seq.

nominal horse-power and/or motor vessels of not less than 560 brake horse-power, and the candidate has had, in addition to his lake or river service, at least six months' qualifying service\* at sea in a foreign-going ship or the equivalent service in the home-trade.

**32. Service in tugs, dredgers, fishing vessels or pilot vessels.**—Service as engineer in sea-going tugs, dredgers or fishing vessels, and in pilot vessels when on their station or when going to or returning from their station, will be accepted towards the qualifying period of service at half rate.

**33. Further requirements.**—Candidates for Second Class Certificates may perform all their qualifying sea service on regular watch in sea-going tugs, dredgers, fishing vessels or pilot vessels, of not less than 66 nominal horse-power, if steam, or 373 brake horse-power, if motor. Candidates for First Class Certificates must, however, in addition to their service in charge of the watch in sea-going tugs, dredgers, fishing vessels or pilot vessels, of not less than 99 nominal horse-power, if steam, or 560 brake horse-power, if motor have served in a qualifying capacity (see rule 22) for not less than six months in a foreign-going ship or have performed equivalent service in the home-trade.

**34. Service in Yachts.**—Service as watch-keeping engineer at sea performed in yachts of the horse-power referred to in rules 17 and 22 will be accepted at two-thirds rate, provided the service satisfies the requirements set out in those rules and the candidate's name is entered on the ship's Articles of Agreement with his rank shown as engineer.

**35. Further requirements.**—A candidate for a First Class Certificate must, in addition to his service in yachts, have had at least three months' service in a qualifying capacity on board a foreign-going ship or the equivalent service in the home-trade, unless he has served for 27 months as Chief Engineer or for three years as a Second Engineer in a steam yacht of not less than 99 nominal horse-power and/or a motor yacht of not less than 560 brake horse-power.

**36. Testimonials.**—Every candidate must produce testimonials in respect of the qualifying period of his service signed, in each case, by the Chief Engineer under whom his service has been performed, stating his actual rank on watch, the number of engineers simultaneously on watch on the boilers and/or the main propelling machinery and the nature of the duties performed by him. When the candidate is a Chief Engineer, he should produce testimonials signed by the Engineer Superintendent, or by the Managing Owner or Secretary of the Company. It is desirable that the whole of the candidate's sea service should be covered by testimonials certifying to his sobriety, experience, ability and general good conduct.

**37. Endorsements of Testimonials.**—The testimonials signed by Chief Engineers should preferably be endorsed by the Engineer Superintendent or by the Master or other representative of the owner. Testimonials signed only by the Company's Superintendent or other officials will not, as a rule, be regarded as sufficient.

**38. Form of Testimonial.**—A specimen copy of the form of testimonial is set out in Appendix E. Testimonials will be returned to candidates when the examination is completed.

**39. Physical defects.**—When a candidate is somewhat hard of hearing or suffers from any physical defect of such a nature as might interfere with the proper performance of his duties as an engineer on watch, the signatories of his testimonials should state whether such defect did in fact interfere in any way with the efficient discharge of the candidate's duties.

**40. Verification of sea service.**—Service which cannot be verified by proper entries in the Articles of Agreement of the ships in which the candidates have served cannot be counted. In all cases, the candidate's names must have been duly entered on the ship's Articles of Agreement as engineers in the ranks in which they were actually serving.

\*The conditions under which sea service must be performed in order to count towards the qualifying periods for Second and First Class Certificates are set out in rule 15 *et seq.*

**41. Testimonials to be submitted in time.**—As discharges and testimonials may have to be forwarded to the Shipping Master for verification, they must be handed in, together with the form of application, not less than one week before the date of the examination for which the candidate desires to appear. In the absence of the necessary verification, the candidate cannot be examined.

**42. Confirmation or endorsement of testimonial.**—Where, as in the case of the service of engineers in foreign ships, the length of service cannot be verified by the Shipping Master, the testimonial of service must be confirmed either by the Consul of the country to which the ship in which the candidate served belonged, or by some other recognised official authority of that country, or by some responsible person having personal knowledge of the facts required to be established. Where the testimonial is not confirmed by a Consul or other official authority of the country referred to, it should be endorsed by an Indian Consular Officer.

**43. Calculation of Service.**—The candidate's service, as shown on his discharges, will be reckoned by the calendar month, i.e. the time included between any given day in any month and the preceding day of the following month, both inclusive. The number of complete months from the commencement of the period, ascertained in this way, should be computed, after which the number of odd days should be counted. The day on which the Agreement commences, as well as that on which it terminates, should both be included, and all odd days added together and reckoned at 30 to the month.

**44. Penalty for misconduct.**—Candidates who have neglected to join their ships after having signed Articles of Agreement, or who have deserted their ships after having joined, or who have been found guilty of gross misconduct, will be required to produce satisfactory proofs of two years' subsequent service and good conduct at sea, unless the Chief Examiner, after having investigated the matter, should see fit to reduce the time.

#### EXTRA FIRST CLASS ENGINEER'S CERTIFICATE

**45. Qualifications.**—A candidate for this certificate must possess a First Class combined Steam and Motor Certificate, or a First Class Engineer's Certificate for the one motive power endorsed for the other, or a First Class Certificate of Service, but is not required to have performed any additional sea service.

#### ADMISSION TO EXAMINATIONS AND AWARD OF CERTIFICATES

**46. Application for Examination.**—Candidates who have completed the necessary qualifying service and who desire to take the examination for a First or Second Class Certificate of Competency should fill up a form of application (Exn. 3) and pay the appropriate fee (see rule 52) at the Mercantile Marine Department Bombay or Calcutta, signing the declaration on the form of application in the presence of the Examiner. The form, properly filled in, together with the candidate's certificate of apprenticeship, testimonials, discharges, certificate of competency or service, if any, and the like should be lodged with the Examiner at least one week before the day of examination. A candidate may, however, if he prefers, submit his application and papers by post to the Principal Officer of the Mercantile Marine Department, Bombay or Calcutta, where he desires to be examined; he should remit the fee at the same time. If a candidate adopts this course, he will be required to sign his declaration in the presence of the Examiner at the opening of the examination. Candidates will be informed as soon as possible whether their applications have been accepted or not; if they are accepted, candidates will be supplied with a copy of the instructions to be observed during the examination.

**47. Proof of Nationality.**—Every candidate for a certificate of competency of any grade will be required to produce proof of nationality along with his application.

Proof of nationality will in general involve the production of a birth certificate or of a certificate of naturalisation. Failing this, the applicant shall furnish all possible documentary evidence of nationality or of the birth and nationality of his parents. If the applicant is an alien, he shall produce an official document testifying to his nationality.



**48. Knowledge of English Essential.**—All candidates must prove to the satisfaction of the Examiners that they can speak and write the English language sufficiently well to perform the duties required of them on board ships.

**49. Age.**—Proof of age shall be covered by a birth certificate or other documentary evidence.

**50. Penalty for offering gratuity.**—If a candidate offers a gratuity to any officer of the Central Government, he will not be allowed to take any examination for twelve months.\*

**51. Examination of personnel of Indian Navy.**—Engineer Officers, Officers of the Engineering Specialisation, Artificer Engineers, Chief Engine Room Artificers, Engine Room Artificers, Chief Mechanics and Mechanics who have served or are serving in the Indian Navy may be examined for certificates of competency on the same conditions as Engineers in the Merchant Navy. Applications shall be made in accordance with rule 46, except that naval officers shall furnish a statement of service together with testimonials in respect of all sea-going appointments and of the last active appointment. Ratings shall furnish their Naval Service Certificates.

**52. Examination Fee.**—A candidate will be required to pay the following fee on each occasion on which he presents himself for an examination either for a certificate of competency or for the endorsement of a certificate of competency:

(A) SECOND CLASS ENGINEER (Steam or Motor or combined Steam and Motor)		Rs.
(i) For the full examination		40·00
(ii) For Part A or Part B or a portion of either Part		20·00
(iii) For endorsement of a Second Class Engineer's Certificate		20·00
(B) FIRST CLASS ENGINEER :		
(i) For the full examination		80·00
(ii) For Part A or Part B or a portion of either Part		40·00
(iii) For endorsement of a First Class Engineer's certificate		40·00
(C) EXTRA FIRST CLASS ENGINEER.†		
(i) For the full examination		80·00
If possessing only a First Class Certificate of Service		160·00
(ii) For Part A or Part B when taken separately		40·00
If possessing only a First Class Certificate of Service		80·00
(D) For assessment of workshop/sea service not followed by examination		15·00

NOTE :— "Endorsement" means the endorsement of an ordinary (steam) certificate to the effect that the holder is qualified to act as first or second class engineer, as the case may be, on board a motor vessel, or vice versa.

No part of the fee will be returned to a candidate who takes the examination or any part of it, or is credited with full exemption or any part of it, or is credited with full exemption from Part A.

**53. Enquiry Fee.**—A person enquiring as to his eligibility for examination will be required to pay the prescribed fee before any step is taken to enquire into his service or to test his qualifications, etc.

**54. Issue of Certificates.**—When the candidate has successfully completed all parts of his examination, he will receive a form authorising the Principal Officer of the Mercantile Marine Department to whom it is addressed to issue the certificate. Certificates of competency, or certificates of service, or certificates of competency granted by other governments but declared to have the same force

\*This penalty is additional to any penalty to which the candidate may be liable under the criminal law.

†At present the examinations are being held in India under arrangement with the Ministry of Transport, United Kingdom, and the candidates have, therefore, to pay an additional fee as Prescribed for such examination by the Government of United Kingdom.

as those granted under the Act, of a lower grade, will not be returned to successful candidates. Other candidates will receive a record of their examination results on form Exn. 45. This form must be produced to the Examiner when a candidate next presents himself for examination.

**55. Service found to be insufficient.**—If, after a candidate has passed the examination, it is discovered on further investigation that his services are insufficient to entitle him to receive a certificate, the certificate will not be granted until the candidate has performed the amount of service on which he was deficient, and has been re-examined, unless the Central Government sees fit to dispense with the re-examination.

**56. Copy of lost certificate.**—An applicant for a certified copy of a lost certificate of competency should fill in a form of application (Exn. 23) giving the necessary particulars, and delivering it to the Principal Officer of the Mercantile Marine Department who issued the certificate, paying at the same time the appropriate fee (Rs. 10 for an Extra First Class or First Class Certificate and Rs. 5 for a Second Class Certificate). A declaration as to the circumstances in which the certificate was lost must be made by the applicant before the Principal Officer. A fee of Re. 1 only is chargeable if the applicant can prove that the certificate was lost through shipwreck or fire.

**57. Re-examination.**—Ordinarily, a candidate may present himself for re-examination at any time after one month has elapsed since his previous attempt, but if he fails three times in Part A or three times in Part B within any period of three months, he will be debarred from re-examination for a period, depending on the circumstances, of upto three months or in exceptional cases, upto six months.

**58. Penalties for failure in examinations.**—It is evident that ignorance of those subjects which form a vital part of a marine engineer's daily work (e.g. questions on manipulation and reading of the water-gauge, the danger of fire and explosion in steam and motor vessels, etc.) can easily cause acts or omissions which would seriously endanger a ship. In particular, candidates should be very familiar with the water-gauge (See Appendix H). A failure in one of these subjects, either in the Engineering Knowledge paper or the oral test in Part B of the examination, will be regarded as failure in practical knowledge, and any candidate so failing will not be allowed to present himself for re-examination until he can produce proofs of further service at sea in a qualifying capacity. The period of the further service which will be required will be assessed in each individual case by the Chief Examiner but will not exceed six months.

**59.** Should a candidate fail through ignorance of fundamental principles, or on account of general defectiveness in the examination, he shall not be allowed to present himself for re-examination until a period of time to be fixed by the Chief Examiner has elapsed. Such period will not usually exceed three months, but in the case of a subsequent failure on account of general defectiveness the penalty may, in exceptional circumstances, be increased to a maximum of six months.

#### EXAMINATIONS AND EXEMPTIONS

**60. Place and day of examination.**—The examination centres are located at the ports of Bombay and Calcutta. The examinations at both these ports will ordinarily commence on the third Monday in each month for both Second Class and First Class Certificates. The information regarding actual dates of the examination may be obtained from the Principal Officer, Mercantile Marine Department, Bombay/Calcutta.

The time-table of the different examinations are given in Appendix—'B'.

The examination for Extra First Class Certificates will commence on the Tuesday following the third Monday in January and July of each year.

**61. Exemptions.**—The examinations for Certificates of Competency (First Class and Second Class) are divided into two parts as indicated in rules 63 and 65 and candidates who have attended approved courses of instruction during their apprenticeship and have obtained certificates showing that they have passed the appropriate examination at the termination of the course will be granted exemption from the whole or part of Part A as shown in rules 64 and 66.

62. **Approved courses.**—(1) The Central Government has approved certain courses of instruction leading to:—

- (a) B.M.E. Degree of the College of Engineering and Technology, Bengal.
- (b) B.E. Degree (Mech.) and B.E. Degree (Elec.) of the Bengal Engineering College, Sibpore, (Howrah).
- (c) B.Sc. Degree in Mechanical Engineering and B.Sc. Degree in Electrical Engineering of the College of Engineering, Hindu University, Banaras. (See Appendices "F" and "G").

(2) The Central Government will also recognise other University Degrees and University Diplomas in Engineering awarded in India or within the Commonwealth countries, provided evidence is produced by the candidate to the satisfaction of the Central Government as to the suitability of the course undertaken. Candidates will also be allowed either complete or partial exemption from Part A of the examination for the First and Second Class Certificates of Competency, if they satisfy the Central Government that they have obtained suitable degrees or similar qualifications in appropriate subjects at a University or place of higher education within the Commonwealth.

(3) The Central Government has approved certain courses of instruction, recognised by the Ministry of Transport, United Kingdom, as leading to the Higher National Diploma and Higher National Certificate in Mechanical Engineering in the United Kingdom, for the purposes of examinations for both the First and Second Class Certificates of Competency. Also certain courses of instruction recognised by the Ministry of Transport, United Kingdom, as leading to Ordinary National Diploma and Ordinary National Certificate in Mechanical Engineering in the United Kingdom, have been approved by the Central Government for the purpose of examination for the Second Class Certificate of Competency only, provided that the syllabus accords with and is comparable to the syllabus laid down by the Central Government for the Second Class Examination. This has special reference to the syllabus for Heat and Heat Engines. No exemption will be granted in respect of Paper IV of Part 'A' of the Second Class Examination (Drawing) except to the holder of:—

- (i) A Higher National Diploma; or
- (ii) A Higher National Certificate who also holds an Ordinary National Certificate with Drawing at the S.2 level; or
- (iii) An Ordinary National Certificate with Drawing at the S.3 level; or
- (iv) An Ordinary National Diploma granted under Alternative Schemes of Training of Engineer Officers which is approved by the Ministry of Transport, United Kingdom.

(4) The Central Government has also approved certain courses of instruction leading to the Associateship in Mechanical Engineering of the Royal College of Science and Technology, Glasgow, and the special Technological Certificate of the Republic of Ireland, Department of Education.

(5) Candidates for either the Second or First Class Certificate of Competency who have satisfactorily completed the Alternative Scheme for the training of Marine Engineers in the United Kingdom, approved by the Ministry of Transport, United Kingdom, as mentioned in rule 10 and have, after the completion of sea service required in the second phase of that Scheme, to the satisfaction of the Ministry of Transport, United Kingdom, attended part time instruction during their workshop service and obtained the group endorsement in Naval Architecture, Electrotechnology and Power Plant Operation and Management will be exempted from Section 1 of Part 'B' of the Examination.



**63. Examination for Second Class Certificate.**—The Syllabuses for the Second Class Engineer's examination are given in Appendix 'C'. The examination is divided into two parts consisting of six Sections as follows:—

**PART 'A'**

- Section (i) Applied Mechanics (one paper of three hours)
- Section (ii) Heat and Heat Engines (one paper of three hours)
- Section (iii) Mathematics (one paper of three hours)
- Section (iv) Drawing (one paper of six hours)

**PART 'B'**

- Section (i) (a) Electrotechnology (one paper of three hours)
- (b) Elementary Naval Architecture (one paper of three hours)
- Section (ii) (a) Engineering Knowledge (Two papers each of three hours)\*
- (b) Oral.

**64. Exemption.**—Candidates may be exempted from Part 'A' or some portion of it and may take the examination in separate parts as follows:—

- (a) (i) A candidate who has attended an approved course of instruction (see rules 61 and 62 covering not less than two of four subjects included in Part 'A', and has obtained a certificate stating that he has passed the appropriate examination at the termination of the course, will be granted exemption from the subjects in Part 'A' covered by the Certificate.
- (ii) A candidate who has passed with mathematics the Intermediate Examination or First Year B.Sc Degree Examination of an Indian University or a similarly approved course to the satisfaction of the Chief Examiner will be granted exemption from Section (iii) of Part 'A' of the examination for Second Class Certificate of Competency.
- (b) A candidate may present himself either for the whole of Part 'A' of the examination, or, if exempted under (a) above from certain subject(s) of the examination, for the remaining subject or subjects, at any time after he has completed the necessary workshop service.
- (c) A candidate who has not been exempted under a (i) above from Part 'A' or a section of it, or has been exempted under a (ii) above only, and who, when taking Part 'A' of the examination passes in at least two subjects, will not be required to take those subjects again and may present himself for re-examination in the remaining subject(s) at any time. If he passes in one subject only, he must sit for the whole Part on re-examination.
- (d) A candidate may take Part 'B' or that section of it from which he is not exempted at any time after he has completed the necessary periods of qualifying workshop and sea service, provided he also takes at the same time the whole of Part 'A' of the examination or such subjects, if any, in that part, in which he has not already passed or from which he has not been exempted under (a) above.
- (e) A candidate will not be given a 'Pass' in Part 'B' or in either Section of Part 'B' unless he completes Part 'A' at the same time as Part 'B' or has previously completed it or has been exempted from it.
- (f) A candidate who when taking Part 'B' passes in Section (i), (Electrotechnology and Elementary Naval Architecture), but fails in Section (ii) (Engineering Knowledge and Oral), will be given a pass in Section (i) and may sit for re-examination in Section (ii).
- (g) A candidate who when taking Part B passes in Section (ii), but fails in Section (i), will be given a pass in Section (ii) and may sit for re-examination in Section (i).

\*In the examination for combined Steam and Motor Certificate a third three-hour paper in Engineering Knowledge is set.

65. **Examination for First Class Certificate.**—The syllabuses for the First Class Engineer's examination are given in Appendix 'C'. The examination is divided into two Parts consisting of four Sections as follows:—

**PART 'A'**

Section (i) Applied Mechanics (one paper of three hours)

Section (ii) Heat and Heat Engines (one paper of three hours)

**PART 'B'**

Section (i) (a) Electro-technology (one paper of three hours)

(b) Elementary Naval Architecture (one paper of three hours)

Section (ii) (a) Engineering Knowledge (two papers each of three hours\*)

(b) Oral.

66. **Exemption.**—Candidates may be exempted from Part 'A' or a section of it and may take the examination in separate parts as follows:—

(a) A candidate who holds a certificate, degree or diploma approved by the Central Government as stated in rule 62 for the purposes of the First Class Certificate of Competency and who has been exempted from the Second Class examination in Applied Mechanics or Heat and Heat Engines, or both, will also be exempted from this examination in either or both these subjects.

(b) A candidate possessing a Second Class Certificate is allowed to take either the whole of Part 'A' or, if exempted under (a) above from one subject, the remaining subject.

(c) A candidate who has not been exempted under (a) above from Part 'A' or a section of it and who, when taking Part 'A', passes in one subject only, will not be required to take that subject again and may sit for the remaining subject.

(d) A candidate may take Part 'B' or that section of it from which he has not already been exempted at any time provided he holds a Second Class Certificate and has completed the necessary period of qualifying sea service, and provided also that he takes at the same time either the whole of Part 'A' of the examination or such subject, if any, in that Part, in which he has not already passed or from which he has not been exempted under (a) above.

(e) A candidate will not be given a pass in Part 'B' or in either Section of Part 'B' unless he completes Part 'A' at the same time as Part 'B' or has previously completed it or has been exempted from it.

(f) A candidate who when taking Part 'B' passes in Section (i) (Electro-technology and Elementary Naval Architecture), but fails in Section (ii) (Engineering Knowledge and Oral), will be given a pass in Section (i) and may sit for re-examination in Section (ii).

(g) A candidate who when taking Part 'B' passes in Section (ii), but fails in Section (i), will be given a pass in Section (ii) and may sit for re-examination in Section (i).

67. **Examination for endorsement of Second and First Class Certificates.**—The examination consists of:—

(a) One written paper of three hours in Engineering Knowledge,

(b) Oral.

The syllabuses for these examination are given in the sections of Appendix 'C' relating to these subjects.

\*In the examination for a combined Steam and Motor Certificate, a third three-hour paper in Engineering Knowledge is set.

**68. Marks required for pass.**—Candidates will be expected to obtain a minimum number of marks in each subject in the written examinations and not less than one-half of the total number of marks to secure a pass. In the oral examination a somewhat higher standard will be required. The result of the examination will be communicated to the candidate by the Examiner.

**69. Examination for Extra First Class Certificate.**—The examination for Extra First Class Certificate covers the syllabuses for the First Class and Second Class examinations, and also that given in Appendix 'D'. It is divided into two separate parts, 'A' and 'B'. No exemption from any of the subjects covered by the examination is granted.

Candidates will be permitted either to take the whole of the examination at one time, or to take the two parts at separate examinations, in which case a candidate must first pass in Part 'A' to qualify for entrance to Part 'B'. On the other hand, a candidate who chooses to take the whole examination at one time and passes only in Part 'B' will be eligible to sit for Part 'A' at any future examination and will be exempt from further examination in Part 'B'.

Candidates must obtain a minimum number of marks in each paper, and not less than 60 per cent. of the total marks throughout the examination, either for the full certificate or for Part 'A' or 'B' if taken separately. No certificate will be issued until the candidate has passed both parts of the examination.

**70. Punishment for misconduct.**—Where in the opinion of the Director General of Shipping, a candidate has been guilty of any misconduct in relation to an examination (including insolence to any Examiner or disorderly or improper conduct in or about the room where the examination is held) or a breach of any of these rules, the candidate may be punished in one or more of the following ways:—

- (a) Where the examination has not commenced or is not completed, the candidate may not be permitted to appear in the examination or, as the case may be, to take further part therein;
- (b) where the result of the examination has been declared, the result of the candidate may be amended;
- (c) where the candidate has been declared successful in the examination but has not been granted the necessary certificate, the certificate may be withheld, for such period as the Director General of Shipping may direct;
- (d) the candidate may be debarred from appearing in any examination under these rules for such period as the Director General of Shipping may direct.

**71. Penalty for Copying.**—In the event of any candidate being discovered referring to any unauthorised book or paper or copying from another candidate or affording any assistance or giving any information to another candidate or communicating in any way with anyone during the time of examination or copying any part of the problems for the purpose of taking them out of the examination room, he will be regarded as having failed and will not be allowed to present himself for re-examination for a period of six months.

A candidate guilty of a second offence of this nature will not be allowed to present himself for re-examination until twelve months have elapsed since the date of the second offence.



## APPENDIX A

[See rule 2(b)]

## EXAMINERS

Persons	Grades of Certificates of Competency.
1. Engineer and Ship Surveyors in the Mercantile Marine Departments including those promoted as Principal Officers.	First Class Engineer, Steam, Motor and Combined. Second Class Engineer, Steam, Motor and Combined.
2. Engineer & Ship Surveyors attached to the Directorate General of Shipping, Bombay.	
3. Deputy Chief Surveyor with the Govt. of India.	
4. Chief Surveyor with the Govt. of India who shall also be the Chief Examiner.	

## APPENDIX B

[See rule 60]

## TIME TABLE OF EXAMINATIONS

## SECOND CLASS

Day	Part of Examination	Morning Session	Afternoon Session.
Monday	B	Engineering—Knowledge One Paper—3 hours Note : Candidates for Endorsement do not take this paper.	Engineering Knowledge. One Paper—3 hours. Note : Separate papers are set for Steam and Motor candidates.
Tuesday	B	Electrotechnology One Paper—3 hours	Elementary Naval Architecture One Paper—3 hours.
Wednesday	A	Applied Mechanics One paper—3 hours	Heat and Heat Engines One Paper—3 hours.
Thursday	A and B	A Mathematics One Paper—3 hours.	B Engineering Knowledge. One Paper—3 hours. Note : to be taken by candidates for combined Steam and Motor certificates only.
Friday	A		Engineering Drawing One Paper—6 hours. Note : An interval of half an hour may be allowed.

NOTE : The oral examination will be taken on completion of the written papers at a time fixed by the Examiner.

## FIRST CLASS

Day	Part of Examination	Morning Session	Afternoon Session
Monday	B	Engineering Knowledge One Paper—3 hours Note : Candidate for Endorsement do not take this paper.	Engineering Knowledge One Paper—3 hours Note : Separate papers are set for Steam and Motor candidates.
Tuesday	B	Electrotechnology One Paper—3 hours	Elementary Naval Architecture One Paper—3 hours
Wednesday	A	Applied Mechanics One Paper—3 hours	Heat and Heat Engines One Paper—3 hours.
Thursday	B	Engineering Knowledge One Paper—3 hours Note : To be taken by candidates for combined Steam and Motor Certificates only.	
Friday			

NOTE : The oral examination will be taken on completion of the written papers at a time fixed by the Examiner.

## EXTRA FIRST CLASS

## First Week

Day	Part of Examination	Morning Session	Afternoon Session
Tuesday	A	Theory of Machines (Mechanics of Fluids) One Paper—3 hours	
	A		Strength and Properties of Materials One Paper—3 hours.
Wednesday	A	Applied Thermodynamics One Paper—3 hours.	
Thursday	A		Marine Heat Engines One Paper—3 hours.

## Second Week

Monday	B	Engineering Knowledge One Paper—3 hours.	
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Day	Part of Examination	Morning Session	Afternoon Session
Tuesday	B	Essay One Paper—3 hours	
Wednesday	B	Electrotechnology One Paper—3 hours	Naval Architecture One Paper—3 hours
Thursday	B		Machine Design (Drawing) One Paper—6 hours Note : An interval of half an hour may be allowed.

## APPENDIX C

(See Rules 63, 65 &amp; 67)

SYLLABUSES FOR THE FIRST AND SECOND CLASS EXAMINATIONS  
FUNDAMENTAL KNOWLEDGE SUBJECTS—PART A

NOTES.—(1) The problems will require a knowledge of the M.K.S. (Metric-Kilogramme-Second), F.P.S. (Foot-Pound-Second) and C.G.S. (Centigrade-Gramme-Second) systems, and will be such as can be solved by the knowledge of elementary algebra, geometry and plane trigonometry.

(2) A knowledge of the use of logarithms will be required.

(3) Formulae involving higher mathematics or constants required for the solution of any problem will be given.

(4) Graphical solutions will be accepted where the analytical solution is not expressly stated to be required.

(5) Candidates may, if they wish, use slide rules for their calculations, but in each case a full statement of the steps leading to the calculations must be shown.

## SECOND CLASS MATHEMATICS

(One paper of three hours. Six questions only out of nine to be attempted.)

*Arithmetic.*—Conversion of physical quantities involving length, area, volume or force from one system of units to another. Ratio and proportion. Percentages.

*Algebra.*—Indices, including fractional and negative types. Use of common logarithms for multiplication, division, powers and roots. Use of Napierian logarithms. Simplification of algebraic expression. Addition, subtraction, Multiplication and division of algebraic functions. Re-arrangement of formulae. Factorisation, Algebraic Fractions. Squares and cubes of polynomials such as  $(a \pm b)^2$  and  $(a \pm b)^3$ . Simple equations. Quadratic equations and solution by factorisation or by completing the square. Proof of general formula for solution. Simultaneous equations, either two linear equations or one linear and one quadratic. Variation, direct and inverse.

*Graphical work.*—Simple graphs of statistics. The graph  $y = ax + b$  either from calculated values or from experimental results. Calculation of constants from graph. Graphical solution of simple simultaneous equations involving two unknowns. Graph of  $y = ax^2 + bx + c$  and graphical solution of equation  $ax^2 + bx + c = 0$ .

*Trigonometry.*—Measurement of angles in degrees and radians. Complementary and supplementary angles. Sine, cosine and tangent of angles up to  $360^\circ$ . Solution of right-angled triangles. Proof of sine and cosine rules. Solution of triangles by these rules. Solution of simple trigonometric equations. Expansion of  $\sin(A \pm B)$  and  $\cos(A \mp B)$ .



**Geometry.**—Properties of triangles. Sum of the angles. Relation between exterior and interior angles. Isosceles and equilateral triangles. Similar and congruent triangles.

**The circle.**—Properties of chords and tangents. Angles in the same segment. Angles at centre and circumference.

**Mensuration.**—Areas of triangle, polygon, parallelogram, trapezium, circle, sector and segment of a circle and ellipse. Areas of oblique sections of regular solids of uniform cross section. Area and mean height by mid-ordinate rule and by Simpson's first rule. Ratio of areas of similar figures. Volumes and surface areas of prisms, pyramids, frustums, spheres, cylinders and cones. Ratio of volumes of similar solids. Solids of revolution.

#### SECOND CLASS APPLIED MECHANICS

(One paper of three hours. Six questions only out of nine to be attempted.)

**General.**—Applications of areas and volumes to problems such as the weight of engine components. Specific gravity. Simpson's first rule as applied to areas and volumes.

**Statics.**—Force. Gravitational units. Force as a vector. Triangle and polygon of forces. Resultant and equilibrant of a system of concurrent coplanar forces. Equilibrium of three coplanar forces. Moment of a force. Couples. Moment of areas and volumes. Centroids and centres of gravity (limited to geometrical shapes). Conditions of equilibrium of solids. Inclined plane. Necessary force applied parallel to the plane to pull body up or down the plane or to hold it stationary (including effect of friction). Work done at uniform speed up the plane.

**Friction.**—Laws of friction for dry surfaces. Coefficient of friction. Friction angle. Energy and power lost due to friction in simple bearings.

**Kinematics.**—Linear motion. Graphs and equations for displacement, speed, velocity and uniform acceleration. Simple cases of vector change of velocity and the acceleration produced. Relative velocities in one plane only. Angular motion. Equations for displacement, velocity and uniform acceleration.

**Dynamics.**—Work and power. Horse-power. Problems with constant force or force with linear variation. Energy. Conservation of energy. Potential energy. Kinetic energy of translation. Newton's laws of motion. Momentum and rate of change of momentum. Centrifugal force and its application to conical pendulum, unloaded governor, curved tracks and machine parts. Stress in thin rim due to centrifugal action.

**Machines.**—Simple lifting machine. Graphs of load-effort and load-efficiency. Linear law. Velocity ratio, mechanical advantage and efficiency of the following machines:—wheel and axle, differential wheel and axle, rope pulley blocks, differential pulley blocks, screw jack, Warwick screw, hydraulic jack, worm-driven chain blocks and single and double purchase crab winches. Reduction gearing.

**Stress and strain.**—Direct stress and strain. Shear stress. Hooke's law. Modulus of elasticity. Ultimate tensile stress. Yields stress. Limit of proportionality. Percentage elongation and reduction of area. Working stress. Factor of safety. Stress due to restricted expansion or contraction of single members.

**Beams.**—Cantilevers and simply supported beams with concentrated or uniformly distributed loads. Shearing force and bending moment diagrams. Stress due to bending, given the fundamental bending equation and the second moment of area of the section.

**Torsion.**—Twisting moment due to engine crank mechanism strength and stiffness of solid or hollow shafts of circular cross-section given the fundamental torsion equation and the polar second moment of area. Power transmitted by shafts. Coupling bolts.

**Thin shells.**—Circumferential and longitudinal stress in thin cylindrical and spherical shells subject to internal pressure.

**Joints.**—Strength of the following joints:—single, double and treble riveted lap and butt joints and butt welded joints.

**Hydrostatics.**—Archimedes' principle. Equilibrium of floating bodies. Specific gravity. Constant weight hydrometer. Variation of fluid pressure with depth. Total force due to liquid pressure on immersed plane surfaces, horizontal or vertical. Centre of pressure on a rectangular vertical plane surface or triangular plane surface, both with one edge parallel to the surface of the liquid.

**Hydraulics.**—Full bore flow of liquid through pipes under constant head. Flow through orifice. Coefficients of velocity, contraction of area and discharge.

#### FIRST CLASS APPLIED MECHANICS

(One paper of three hours. Six questions only out of nine to be attempted.)

**Statics.**—Laws of equilibrium. Moments and couples. Polygon of forces. Rapson's slide.

**Friction.**—Law of dry friction. Friction angle. Friction clutches. Friction on inclined plane. Friction on threads. Work done against friction.

**Kinematics.**—Linear and angular motion with constant acceleration. Gravitational acceleration. Velocity-time graphs.

**Relative velocity and acceleration.**—Effect of a current on the velocity and course of a ship. Relative velocity between bodies moving in different planes.

**Dynamics.**—Newton's law of motion. The force equation. Atwood machine. Acceleration of connected bodies. Effect of simple air resistance on motion under the effect of gravity. The torque equation. Conservation of momentum. Kinetic energy of translation and of rotation. Flywheels. Potential energy. Conservation of energy. Impulsive forces. Centrifugal force. Porter governor with sleeve friction. Simple harmonic motion. Simple pendulum. Simple vibrations. Dynamic balancing of masses rotating in one plane. Basic dynamics of the engine mechanism. Use of piston velocity and acceleration formulae. Derivation of piston displacement formula.

**Machines.**—Velocity ratio. Mechanical advantage. Efficiency.

**Stress and strain.**—Direct stress and strain and modulus of elasticity. Shear stress and strain and modulus of rigidity. Stresses on oblique planes. Strength of simple connections such as cottered or screwed joints. Resilience due to direct stress. Suddenly applied loads.

**Compound bars.**—Effects of direct loading and of temperature changes.

**Beams.**—S. F. and B. M. diagrams for cantilevers and simply supported beams. Stresses in beams of simple section. Use of simple deflection formulae.

**Torsion.**—Torsion equations for solid and hollow round shafts. Torsion of shaft fitted with liner. Horsepower transmitted. Close coiled helical spring.

**Struts.**—Eccentric loading of short columns. Use of strut formulae.

**Thin Shells.**—Stresses in thin shells. Design of riveted joints. Use of boiler shell design formulae.

**Hydrostatics.**—Flotation in two liquids of different specific gravities. Total force and centre of pressure on immersed surfaces such as tanks and bulkheads.

**Hydraulics.**—Bernoulli's equation applied to simple flow problems. Venturi meter. Flow through orifices under constant head. Force exerted by a jet on a flat surface perpendicular to the jet. Blade angle diagrams for a centrifugal pump.

#### SECOND CLASS HEAT AND HEAT ENGINES

(One paper of three hours. Six questions only out of nine to be attempted.)

**Elements.**—Temperature and thermometric scales. Conversion from Centigrade to Fahrenheit and *vice versa*. Linear and volumetric expansion due to temperature changes. Coefficients and the relationship between them.

**Heat and heat transfer.**—Heat units: B. Th. U., C.H.U., gram calorie. Specific heat. Mechanical equivalent of heat. Heat equivalent of horse-power. Heat transfer by conduction, convection and radiation. Laws of conduction and radiation and simple applications with given formulae.

*Mixtures.*—Heat and temperature problems involving not more than three substances. Water equivalent.

*Gases.*—Boyle's and Charles' laws for perfect gases. Absolute temperature. Characteristic equation. Constant  $R$  and its use in simple problems. Isothermal and adiabatic expansion and compression. Relation between  $P$ ,  $V$  and  $T$  when  $PV^n = \text{constant}$ . Specific heats  $C_p$  and  $C_v$  and the relationship between them.

*I.C. engines and air compressors.*—Elementary principles and cycles of operation. Calculation of work done from given formulae. Cam diagrams for I.C. engines, angles of cam peak centre lines relative to crank.

*Properties of steam.*—Change of state. Sensible heat. Latent heat. Wet, dry-saturated and superheated steam and the quantities of heat involved. Use of abridged steam tables. Specific volume of steam under various conditions. Throttling. Separating and throttling calorimeters. Boiler efficiency. Equivalent Evaporation. Use of steam tables in simple problems referring to condensers. Effect of air leakage.

*Reciprocating steam engine.*—Hypothetical and actual indicator diagrams. Diagram factor. Mean effective pressure and work done (assuming  $PV = C$ ). Indicated and brake horse-power. Advantages of using steam expansively and of compounding engines. Mean referred pressure. Steam consumption per hour and per horse-power-hour. Thermal, mechanical and overall efficiencies of simple and compounded engines. Heat balance for engine and boiler trials.

Simple slide and piston valves with outside or inside steam admission. Use of valve diagrams to determine angle advance, lap, lead and port opening for a given valve travel.

*Steam turbine.*—Elementary principles. Simple velocity diagrams. Thermal, mechanical and overall efficiency.

*Combustion.*—Solid and liquid fuels. Higher and lower calorific values. Chemical equations for complete combustion. Theoretical minimum air required. Excess air.

*Refrigeration.*—Vapour-compression cycle. Refrigerating effect. Capacity of a machine expressed as "tons of ice per 24 hours from and at  $32^\circ \text{F.}$ "

*Boilers and evaporators.*—Change of density due to contaminated feed.

#### FIRST CLASS HEAT AND HEAT ENGINES

(One paper of three hours. Six questions only out of nine to be attempted.)

*Elements.*—Expansion of solids and liquids including coefficient of apparent cubical expansion. First law of thermodynamics and its application to steady flow conditions. Formulae for work done associated with the formula  $PV^n = C$ .

*Heat transfer.*—Conduction (excluding log mean temperature difference). Radiation.

*Properties of steam.*—Sensible heat; latent heat; enthalpy; internal energy; volume. Use of steam tables and entropy. Throttling and separating calorimeter.

*Mixtures.*—Heat and temperature problems involving two or more substances.

*Gases.*—Boyle's law. Charles' law. Characteristic equation. Relations between  $P$ ,  $V$  and  $T$  when  $PV^n = C$ . Determination of  $n$  from graph connecting  $P$  and  $V$ . Proof of the formula  $C_p - C_v = \frac{R}{J}$ . Calculations for expansions and compressions on air compressors, internal combustion engines, air pumps and air storage. Simple applications of Dalton's law of partial pressures.

*Gas cycles.*—Use of entropy charts. Constant volume cycle. Diesel cycle. Open and closed cycles for gas turbines. Indicated and brake thermal efficiencies. Mechanical efficiency. Overall efficiency. Morse test.

*Expansion of steam.*—Throttling. Hypothetical  $PV$  diagrams. Work done, m.e.p., diagram factor, including effect of clearance. Compounding. Mean referred pressure. Total power. Combined diagrams. Reuleaux valve diagram.



**Steam cycle.**—Use of entropy charts. Basic Rankine cycle. Heat drop in reciprocating engines and in turbines. Effect on thermal efficiency of such modifications as superheating, exhaust turbine and regenerative feed heating. Equivalent evaporation. Efficiencies.

**Density and scale.**—Basic calculations on the effect of condenser leakage and impure feed on the density and scale in boilers. Basic calculations on evaporator performance.

**Turbines.**—Basic cycle and its modifications. Flow through nozzles (excluding proof of critical pressure ratio). Blade diagrams for impulse and reaction turbines. Force on blades. Work done on blades. Use of total heat charts to determine steam condition at various stages.

**Combustion.**—Combustion equations. Calculation of theoretical air required. Determination of calorific value. Avogadro's hypothesis. Basic analysis of exhaust gases. Relation between volumetric and weight analysis of a gas mixture. CO content of exhaust gases.

**Refrigeration.**—Reversed Carnot cycle. Vapour compression cycle. Use of vapour tables. Coefficient of performance.

#### DRAWING

(This subject is to be taken by candidates for Second Class Certificates only and in special cases for First Class Certificates as provided for in rule 24.)

(One paper of six hours. A choice of two drawings will be given.)

The drawing paper will consist of a test of the ability to apply the principles of projection and candidates will be asked to draw a plan, elevation or section or a combination of these views of a piece of marine machinery from information supplied. All the required information for the completion of the drawing will be given in the question paper.

#### PRACTICAL KNOWLEDGE SUBJECTS—PART B

N.B. The notes under "Fundamental Knowledge Subject",

Part A, apply equally to Part B.

#### SECOND CLASS ELECTROTECHNOLOGY.

(One paper of three hours. Six questions only out of nine to be attempted.)

**General.**—Effects of electric current—chemical, magnetic thermal and production of light. Production of e.m.f. by chemical, magnetic, thermal and light means.

**The Electric Circuit.**—Units—ampere, ohm and volt. Ohm's law. Series and parallel circuits of sources of e.m.f. and of resistances. Current distribution in simple circuits. Difference between e.m.f. and p.d. Power and energy. Relationships between heating, mechanical and electrical units. Joule's equivalent. Conductor resistance, effect of length, area, material and temperature. Specific resistance. Temperature coefficient of resistance. Types of insulation. Wheatstone network bridge, slide wire bridge. Applications to steering gears, resistance pyrometers, strain gauges, etc.

**Electrolytic Action.**—Theory of electrolytic dissociation applied to common solutions, etc., acidulated water, copper sulphate and salt water. Uses of electrolysis. Faraday's laws. Electro-chemical equivalent.

**Cells.**—Primary (wet or dry Leclanche) and secondary (acid or alkaline) types. Construction and principles. Maintenance, charging. Watt-hour and ampere-hour efficiencies.

**Magnetism and Electromagnetism.**—Simple magnetic theory Magnetic field. Lines of force. Field strength. Field intensity. Magnetic fields due to current in straight conductors, loops, coils and solenoids. Relative directions of current and field. Effect of Iron. Flux density. Total flux. Permeability. Typical B/H and U/B curves.

**Electro-magnetic induction.**—Faraday's and Lenz's laws. Magnitude and direction of induced e.m.f. Force produced on a current carrying conductor.

**Alternating Current Theory.**—The sinusoidal wave, frequency, maximum r.m.s. and average values. Vector representation of a.c. quantities. Phase difference. The a.c. circuit. The inductor. Inductance and its effect on the circuit. The capacitor. Capacitance and its effect on the circuit. The general series circuit. Relationship between resistance, reactance and impedance. Simple treatment of power factor.

**Instruments.**—Principles and function of switchboard indicating instruments. Moving-coil, moving-iron and dynamometer types. Uses of shunts and series resistances to increase the range. The current transformer and potential transformer for instrument work (description and simple explanation).

**Testing Methods and Measurements.**—Resistance measured by ammeter-voltmeter, by bridge and by instrument. Simple ohmmeter and insulation testing. General insulation, continuity and millivolt-drop testing. Fault tracing. Temperature measurement by resistance.

**Circuits.**—Single-wire, 2-wire, 3-wire and ring main systems for d.c. Use of fuses and circuit-breakers. Use of earth lamps. Simple reference to the balancer. Simple explanation of the alternator as a generating unit. Parallel running and synchronising procedure.

**Electrical Machines.**—Constructional details of the d.c. generator and motor. Action of commutator. Simple approach to lap and wave windings. Methods of supplying the field—separate excitation, shunt, series and compound windings.

**D.C. Generators.**—Constructional details. Protection. e.m.f. and load voltage equation. Brief treatment of theory of self-excitation. Load characteristics. Methods of voltage control. Parallel operation procedure.

**D. C. Motors.**—Constructional details. Need for starters. Types of starter. Speed and torque equations. Load Characteristics. Speed control.

**Electric Ignition For I.C. Engines.**—Coil and magneto systems. Starting arrangements. Maintenance requirements.

#### FIRST CLASS ELECTROTECHNOLOGY

(One paper of three hours. Six Questions only out of nine to be attempted.)

**Units.**—C.G.S. system. M.K.S. system and F.P.S. system.

**The Magnetic Circuit.**—B-H and B-AT/cm curves. Their effect on the design of simple magnetic circuits involving an air gap. Hysteresis, Electromagnetism. Mutual induction.

**The Electric Circuit.**—Kirchhoff's laws. Parallel operation of batteries with unequal e.m.f.s. and differing internal resistances. Distribution problems. Volt-drop. Single and doubly fed distributors. Ring mains.

**Distribution systems.**—D.c. 2-wire and 3-wire. A.c. single-phase and three-phase 3-wire and 4-wire. Comparison of copper required. Balancer in 3-wire d.c. system.

**Motor Starters.**—Automatic types—reference to time and current control. The drum controller for series motors.

**Applications etc.**—Parallel operation of shunt and compound generators. Equalising bar. Load sharing treated qualitatively. Applications to Ward Leonard systems. Steering gear. Suitability of d.c. motors for the various types of work.

**Faults and maintenance of machines.** Over-heating due to mechanical and electrical defects. Sparking at brushes. Loss of residual magnetism, etc. Testing machines—use of the megger.

Simple calculations on starters.

**General. A.C.**—Production of an alternating waveform. The sine law. Frequency; amplitude, instantaneous and maximum values. Relation between frequency, number of poles and speed of a machine. R.M.S. and average values. Form factor.

Representation of an alternating quantity by means of vectors to give instantaneous and R.M.S. values.

*The Series Circuit.*—Resistance, inductances and impedance. Current and voltage relationships. Use of vectors. Power, apparent power (VA) reactive volt-amp and power factor. The impedance triangle. Reactive and active components of current.

*The Parallel Circuit.*—Treatment by vectors only of fairly simple circuits. Capacitance and the application of capacitors to power factor improvement. The desirability of high power factors.

*Three-Phase Systems.*—Star and delta (mesh) connections for supplies and loads. Phase and line relationships. Power. Three-phase 4-wire distributor. The application to the rotating magnetic field.

*Alternators.*—Construction. E.m.f. equation. Synchronising and reference to load sharing.

*Induction Motors.*—Construction. Slip. Reference to rotor e.m.f. and frequency. Typical torque-speed curves. Wound, slip ring and cage types. Description of double wound type. Starting methods.

*Synchronous Motors.*—Construction. Starting methods. Reference to use for power factor correction.

*Comparison.*—General comparison of single-phase and three-phase systems bringing out the saving in cost of a three-phase system.

*Propulsion.*—Types using d.c. and a.c. machines. Turbo-electric drives; starting methods; speed changing. Advantages and disadvantages of electrical propulsion.

*Single-Phase Motors.*—Description of general common types. Starting.

*Transformers.*—Elementary principles and general description.

*Instruments.*—Simple treatment (qualitative) of dynamometer, wattmeter, frequency meter, power factor meter, rotary synchroscope.

#### SECOND CLASS ELEMENTARY NAVAL ARCHITECTURE.

(One paper of three hours. Six questions only out of nine to be attempted.)

*General.*—Displacement. Wetted surface. Block, midsection, prismatic and water-plane area coefficients. Tons per inch immersion. Application of Simpsons first rule to areas and volumes.

*Draught and Buoyancy.*—Alteration of mean draught due to change in density of water. Buoyancy and reserve buoyancy. Effect of bilging amidship compartments.

*Transvers Stability.*—Shift of centre of gravity due to addition or removal of ballast, fuel, or cargo. Stability at small angles of heel (given the second moment of area of the waterplane or formulae) The inclining experiment.

*Resistance and Propulsion.*—Comparison of skin frictional resistance of hull with model at different speeds.  $R_f = F.S.V^n$ . Admiralty and fuel coefficients. Relation between speed of vessel and fuel consumption with constant displacement and assuming that resistance varies as (speed)<sup>n</sup>. Elementary treatment of propeller. Pitch, apparent slip, real slip, wake, thrust and power.

*Structural Strength.*—Simple problems on strength of structural members to resist liquid pressure. Loading due to head of liquid.

*Ship Construction.*—Common terms used in the measurement of steel ships, e.g. length between perpendiculars, breadth overall, moulded depth, draught and free-board. Definitions of shipbuilding terms in general use. Descriptions and sketches of structural members in ordinary types of steel ships. Machinery seating arrangements. Watertight doors. Hatches. Rudders. Propellers. Stern tubes. Watertight bulkheads. Double bottoms. Anchors and cables. Precautions necessary before entering empty oil fuel or ballast tanks.

The preservation in good condition of the ship's structure, in particular the bilges, bunkers, tanks under boilers and watertight doors.

Ventilation arrangements (natural and mechanical) for pump rooms in tankers and for holds, coal bunkers and oil fuel tanks.



Storage of coal. Spontaneous combustion. Danger of explosion from gas given off by coal.

Fire detection and extinction arrangements for passenger and cargo spaces. Fire precautions in port and dry dock.

Fore and aft peak tanks, double bottom and deep tank filling and pumping arrangements. Compartmental drainage. Levelling arrangements for damaged side compartments.

Dry docking and maintenance of underwater fittings.

#### FIRST CLASS ELEMENTARY NAVAL ARCHITECTURE

(One paper of three hours. Six questions only out of nine to be attempted.)

*General.*—Form coefficients. Wetted surface formulae. Simpson's first rule applied to areas, moment of areas, second moments of areas, volumes, moments of volumes, centroids and centres of pressure.

*Transverse Stability.*—Centre of gravity. Centre of buoyancy. Metacentre. Moment of statical stability. GZ curves. cross curves of stability. Hydrostatic curves commonly supplied to ship. Effect of free liquid surface and subdivision of tanks. Dangers due to water accumulation during fire-fighting. Effect of suspended weights. Practical requirements to ensure stability at sea. Management of water and fuel tanks. Filling and emptying tanks at sea.

*Logitudinal Stability.*—Longitudinal BM and GM and statical stability. Centre of flotation and its calculation. Moment to change trim by one inch.

*Draught, Trim and Heel.*—Changes due to adding or removing fuel ballast or cargo. Changes due to alteration in density of sea water. Changes due to bilging of compartments, using the lost buoyancy and added weight methods. Forces on rudder and stress in rudder stock. Heel when turning, including effect of centrifugal force and of rudder.

*Resistance and Propulsion.*—Derivation of Admiralty and fuel coefficients. Consideration of total resistance as the sum of frictional and residuary resistance. The law of corresponding speeds. Froude's law of comparison. Simple problems on the prediction of full scale resistance from model experiments. Simple problems involving the use of E.H.P., D.H.P. and Q.P.C. Simple problems on propellers: Pitch ratio. Wake factor. True slip. Apparent slip. Thrust and power. Cavitation.

*Ship Construction.*—Forces on ship under various conditions, including the effect of panting and pounding. Construction of all parts of steel ships. Structural fire protection arrangements. Fire detection and extinction arrangements. Fire precautions in port and in dry dock. Storage and ventilation of coal. Danger of explosion of gas given off by coal. Bilge and ballast arrangements. Levelling arrangements for damaged side compartments. Dry docking. Ventilation of holds and oil fuel tanks.

*Ship Measurement and Classification.*—Meaning of "classed" and "unclassed" ships. Three island and shelter deck vessels. Common terms used in measurement of modern steel ships. Common terms used in tonnage measurement, e.g. gross tonnage, nett tonnage, propelling power allowance, tonnage hatch.

#### ENGINEERING KNOWLEDGE

(Second Class and First Class)

Candidates for a combined Steam and Motor Second Class Certificate must be prepared to be examined in all the items (a) to (w), but those for a steam certificate or the Steam Endorsement of a Motor Certificate will not be examined in items (q) to (w) and those for a Motor Certificate or the Motor Endorsement of a Steam Certificate will not be examined in items (j) to (p). Candidates for First Class Certificates or First Class Endorsements will be expected to display a fuller knowledge of the different items in the Syllabus than Candidates for a

Second Class Certificate or Second Class Endorsement and will also be liable to be examined in items (x) and (y).

NOTES:

1. The Engineering Knowledge to be shown by candidates is that which is required for the use, operation and maintenance of the machinery, equipment and ship structure usually in the charge of the Engineer. A knowledge of the methods of manufacture of the various components is also required.

2. Candidates for certificates and endorsements are required to take a written examination followed by an oral examination.

3. The written examination for a Steam or Motor Certificate consists of two papers of three hours each—six questions only to be attempted out of nine in each paper. One question in the morning paper will be compulsory for First Class candidates.

4. The written examination for a combined Steam and Motor Certificate consists of three papers of three hours each—six questions only to be attempted out of nine in each paper. One question in the morning paper will be compulsory for First Class Candidates.

5. The written examination for a Steam or Motor Endorsement consists of one paper of three hours—six questions only to be attempted out of nine in the paper.

6. Candidates may be required to illustrate their answers by means of free-hand sketches.

(a) The general effects of various treatments on the physical properties of materials commonly used in the construction of marine engines and boilers, and the mechanical tests to which these materials are normally subjected.

(b) Heat and Combustion. The properties of steam, fuel, lubricants and other liquids, gases and vapours used in machinery on board ship.

(c) The use, constructional details and principles involved in the action of the pressure gauge, thermometer, pyrometer, barometer, salinometer, hydrometer and other meters commonly used by engineers on board ship.

(d) The causes, effects and usual remedies for incrustation and corrosion. Feed water and blow densities, and scale formation.

(e) (1) Constructional details and working principles of marine engines; methods of determining their B.H.P. The principles of working and methods of calibration of dynamometers and torsion meters.

(2) The methods of dealing with wear and tear of machinery and boilers. The alignment of machinery parts. The correction of defects due to flaws in material or accident. Temporary or permanent repairs in the event of derangement or total breakdown.

(f) Constructional details and principles of action of pumps fitted in ships. The general requirements concerning feed, fuel, bilge and ballast pumping systems.

(g) The constructional arrangement, details and working of steering-engines and gears, refrigerating machinery, hydraulic and other auxiliary machinery, and such steam and internal combustion engines as are used for emergency and auxiliary machinery on board ship.

(h) Application of indicator. Calculation of mean pressure and horse-power. Fluctuation of pressure in the cylinder as shown by indicator diagrams.

(i) (1) Precautions against fire or explosions due to oil or gas. Flash point. Explosive properties of gas or vapour given off by fuel or lubricating oils when mixed with a quantity of air. The danger of leakage from oil tanks, pipes, gas producers and vaporisers, particularly in bilges and other unventilated spaces. The action of wire gauze diaphragms and the places in which such devices should be fitted.

(2) Spontaneous combustion of coal. Explosive properties of gas given off by coal.

(3) Fire detection. Methods of dealing with fire. Action and maintenance of mechanical and chemical fire extinguishers and other fire-fighting appliances, respirators and safety lamps.

(j) The methods of constructing marine steam engines and boilers, the processes to which the several parts are submitted, or which are incidental to their manufacture, and the methods employed in fitting the machinery on board ship.

(k) The various types of propelling and auxiliary machinery now in use, the functions of each important part and the attention required by the different parts of the machinery on board ship.

(l) The methods of testing and altering the setting of the steam admission and exhaust valves, and the effect produced in the working of the engine by definite alterations in the settings of the valves.

(m) The constructional details and working of evaporators, feed water heaters and feed water filters.

(n) Marine boilers of various modern designs; the manner of staying them, and also the prevention of movement of boilers when vessels are pitching or rolling. The determination by calculation of suitable working pressures for boilers of given dimensions.

(o) The use and management of boiler fittings and mountings, with special reference to water-gauges and safety valves. Precautions necessary when raising steam and operating stop valves, with particular reference to the danger arising from water-hammer action.

(p) Constructional details, operation and maintenance of installations generally employed for assisting draught, superheating steam and burning coal or oil fuel.

(q) The principles underlying the working of internal combustion engines. The differences between various type of engines. Constructional details of internal combustion engines in general use.

(r) The nature and properties of the fuel and lubricating oils generally used in internal combustion engines. The supply of air and fuels to cylinders of engines of different types. The constructional details of apparatus for carburetting or atomising the fuel. The means of cooling the cylinders and pistons. Constructional details and working of air compressors.

(s) The methods of constructing marine internal combustion engines. The processes to which the several parts are submitted or which are incidental to their manufacture, and the methods employed in fitting the machinery on board ship.

(t) Starting and reversing arrangements and the various operations connected therewith.

(u) The attention required for the operation and maintenance of the various parts of machinery. The use and management of valves, pipes, connections and safety devices employed.

(v) Enumeration and description of defects arising from working of machinery. The remedy for such defects.

(w) Constructional details and management of auxiliary steam boilers, their fittings and mountings, with special reference to water-gauges and safety valves. Constructional details and management of auxiliary machinery. Draught, combustion equipment, oil fuel equipment.

#### CANDIDATES FOR FIRST CLASS CERTIFICATES AND ENDORSEMENTS ONLY.

(x) The administrative duties of a Chief Engineer: organisation of his staff for emergency duties and the use of safety equipment: organisation of repairs and surveys. Reports to owners.

(y) The recognition of irregularity in the running of engines from indicator diagrams. The rectification of these irregularities. Illustration by means of sketches of the change produced in the diagram due to an alteration in the setting or working of the valves or any other factors.



## ORAL EXAMINATION

The oral examination will be largely based upon the Practical knowledge subjects of the examination and will include questions on the management of engines and boilers at sea, the duties of the supervising engineer, the work to be done to engines, boilers and auxiliary machinery in port and the periodical examination of the working parts.

Candidates should also be well acquainted with machinery and boiler casualties which may occur at sea and be able to state how these may be prevented and remedied.

## APPENDIX D.

[See rule 69]

## SYLLABUS FOR THE EXTRA FIRST CLASS EXAMINATION

Candidates are expected to show a more extensive knowledge of all the items in the syllabuses for First and Second Class candidates.

## ENGINEERING KNOWLEDGE

Questions will be set to test the candidate's knowledge of technological investigations which have influenced engineering practice and important developments arising therefrom free from the limitations of the Second and First Class examination syllabus.

## THEORY OF MACHINES (MECHANICS OF FLUIDS)

Plane kinematics of simple mechanisms. Instantaneous centres of rotation. Relative velocity of machine parts by calculation and graphic methods. Displacement, velocity and acceleration diagrams. Calculation of displacement velocity and acceleration of slider crank mechanisms. Cams. Theory of shape and action of gear teeth. Helical, bevel worms, spur gearing and gear trains. Inertia forces on engine mechanisms. Balancing of rotating masses, primary balancing of reciprocating parts, secondary balancing of "in line" engines. Turning moment diagrams. Flywheels. Governors. Vibrations of mechanical systems including forced vibration and the effect of viscous damping. Torsional oscillations of shafting. Whirling of shafts. Gyroscopic theory and action.

Friction, belt, rope and chain drives, clutches. Lubrication, theory of boundary film lubrication, ball and roller bearings.

*Hydrostatics.*—Fundamental properties of fluids. Viscosity, surface tension. Resultant pressure on plane surfaces and on surfaces of single curvature, centre of pressure. Vertical stability of the atmosphere.

*Hydrodynamics.*—Streamline, laminar and turbulent flow, influence of solid boundaries on fluid motion. Bernoulli's principle, continuity of flow. Distribution of pressure and velocity in free and forced vortices. Resistance of viscous fluid in streamline or turbulent motion. Use of coefficients to correct for resistance and streamline contraction. Measurement of velocity of incompressible flow by Pitot and static pressure tubes, orifices, notches and Venturi meter. Loss of head due to bends, sudden enlargements and contractions—hydraulic gradient. Dynamical similarity. Flow between parallel surfaces and in circular pipes. Critical velocities for flow in pipes. Reynolds' number, Rayleigh's formulae. Water-hammer. Impact and reaction of jets. The theory of centrifugal pumps, reciprocating pumps, accumulators and other hydraulic machines with a marine application.

## STRENGTH AND PROPERTIES OF MATERIALS

Stress and strain—Hook's law. Complementary shear stress. Modulus of elasticity. Modulus of rigidity; Poisson's ratio. Relationships between the elastic constants. Temperature stresses. Complex stress systems. Principal stresses and strains. Resilience, strain energy. Impact loading. Theories of elastic failure.

Shearing force. Bending moments, slope and deflection in freely supported and built-in beams and cantilevers. Distribution of stress in beams. Leaf and flat spiral springs.

Struts subjected to axial and parallel eccentric loadings.

Stresses and strains in thin walled and thick walled cylinders under fluid pressure. Compound cylinders.

Torsion of shafts, transmission of power by shafting. Close coiled and open coiled helical springs.

Stress and deflection in frameworks treated analytically and graphically.

Mechanical properties of materials, composition and properties of the important ferrous and non-ferrous metals. Thermal equilibrium diagrams, iron carbon diagram, microstructure and macrostructure. Heat treatment and uses of plain and alloy steels. Cast irons including high duty and malleable types. Casting technique for ferrous and non-ferrous metals. Production of ingots and their defects. Effects of cold working. Creep and fatigue of metals. Corrosion and corrosion protection. Welding procedure and examination of welds. Non-destructive methods of metal testing.

Common types of testing machines and instruments. Material testing procedure.

#### APPLIED THERMODYNAMICS

The properties of gases and vapours including variable specific heats. Laws of thermodynamics. Internal energy, total heat and entropy. Mixture of gases and vapours. Partial pressures.

The Carnot cycle, reversible and irreversible processes. The representation of throttling, isothermal, adiabatic, isentropic and polytropic processes on energy charts.

Ideal air and vapour cycles for prime movers, compressors, and refrigerators; their representation on energy charts. Efficiency calculations.

Flow of gases and vapours through nozzles and blading. Elementary heat transfer including conduction through composite walls.

Combustion. Properties of solid, liquid and gaseous fuels.

Calorimetry. The effects of varying air supply. Analysis of combustion products.

#### MARINE HEAT ENGINES

Boiler plant testing and efficiency. Air supply and regulation.

Condensers, feed heaters, de-aerators, economisers, air heaters, superheaters, reheaters, closed feed systems, evaporators.

Practical steam engine cycles. Effects of superheating, reheating and feed heating. Efficiencies. Turbine nozzle and blade calculations.

The reciprocating steam engine. Compounding.

Practical internal combustion engine cycles. Combustion. Effects of dissociation and variable specific heats. Refrigeration, including multiple effect evaporation. Heat pump cycles.

Carbon dioxide, Ammonia, Methyl Chloride, Arcton and Sulphur dioxide systems.

Air compressors, air motors. Reciprocating and rotary machines. Gas turbines, cycles and efficiencies. The testing and performance of marine heat engines.

#### ESSAY

The purpose of the Essay is to test the candidates' ability to compose and write good grammatical English and to express their opinions, conclusions and suggestions in suitably written reports, business letters or essays on subjects connected with the profession or of a more general interest.

This subject will be given; one only is to be attempted.

## ENGINEERING DRAWING AND DESIGN

To produce a working drawing of any part of marine machinery, boilers, mechanical equipment or parts of ship structure involving the arrangement of constituent members from given particulars, and the designs calculations asked for.

Two subjects will be given; one only is to be attempted.

## ELECTROTECHNOLOGY

*Electromagnetism.*—Magnetic properties of ferromagnetic material, calculation of ampere turns for composite magnetic circuits, energy stored in magnetic field, self and mutual inductance, effect of inductance or capacitance on d.c. circuits.

*Electrostatics.*—General principles of electrostatics. Intensity and strength of electric fields. Theorems of Gauss and Coulomb. Potential and capacitance, potential gradient. Condensers—charge and discharge of condensers including oscillatory charge and discharge. Principles of dielectrics.

*D. C. Machines.*—Construction of d.c. machines. Windings, including multiturn windings. Equaliser rings. Commutation. Armature reaction, interpoles. Characteristics of all types of d.c. motors and generators. Motor speed and torque—motor starting and control. Simple qualitative treatment of the amplidyne and metadyne, application of amplidyne and metadyne to control of speed, current and voltage. Operation of d.c. generators in series and parallel. Testing of d.c. machines, direct and indirect methods—separation of losses, retardation and regenerative methods of testing. Distribution of d.c. current, 3-wire system, balancers, boosters, ring main systems.

*Alternating current.*—Generation of sinusoidal e.m.f. waveform, amplitude and frequency. Values of sinusoidal current and voltage. Calculations on simple circuits involving resistance, capacitance, inductance and resonance. Vector representation. Power factor. Single-phase and three-phase circuits with star and delta connections. Power and energy measurement in three-phase balanced circuits. Transformers, transformation ratios, vector diagrams, voltage regulation and efficiency.

*A.C. Machines.*—Flux distribution in salient pole and non-salient pole fields. E.m.f. generated in coils and distributed windings. Alternators and their use as synchronous motors. Polyphase induction motors, theory, characteristics and starting arrangements. Parallel operation of a.c. alternators and instruments. Rectifiers for a.c. power circuit.

*Electronics.*—The vacuum diode and triode valves. Elementary description of Cathode-Ray tube, transistors, rectifiers, elementary treatment of amplifier currents.

*Illumination.*—Filament and gas discharge type of electric lamps.

## NAVAL ARCHITECTURE

Derivation of Simpson's and Tchebycheff's rules.

*Stability.*—Hydrostatic curves, statical curves and cross curves of stability. Dynamical stability. Free surface problems. Grounding.

*Subdivision of passenger ships.*—Floodable length curves and their use.

*The Strength of ships.*—The trochoidal wave theory. Local and longitudinal strength calculations. Statistical strength treated graphically and by calculation. Dynamical effects. Oscillation, rolling and pitching of ships. Simple qualitative treatment of vibrations.

*Resistance and propulsion of ships.*—Model experiments and laws of comparison. Dynamical similarity. Viscosity and its effects on fluid friction. Dimensional analysis and the non-dimensional factor approach to Reynolds' and Froude's numbers. Other methods of estimating power, e.g. Admiralty coefficient formula, Taylor's curves, Circular constants and their use.

*Propellers, geometry of the helix, typical triangle of velocities introducing slip and angle of incidence. Thrust, torque and efficiency. Blade element theory—lift and drag on serofoil section. Axial momentum.*



Propeller coefficients and their use. Cavitation. Interaction between screw and ship. Hull efficiency and its factors. Overall propulsion coefficient.

*Materials used in ship building.*—Steel, aluminium, notch embrittlement.

*Classification Societies' Rules.*—Modern developments in structural design. Discontinuities. The employment of welding. Corrosion and fouling.

# GENERAL PRINCIPLES OF LOAD LINE ASSIGNMENT AND TONNAGE MEASUREMENTS.

## APPENDIX E

[See rules 13 and 38]

### (1) Specimen Form of Testimonial for Workshop Service

Name and address of Engineering Works.....

I certify that the following is a full and true statement of the Workshop Service performed by ..... under my supervision at the above works.

Period of Service Dates	Total period	1. Designation 2. Nature of Duties. For appropriate description see below.	Particulars of weekly release periods to permit apprentice to pursue technical studies.
From to			

Report as to ability .....

Report as to conduct.....

Remarks (if any) .....

Signature of employer or his representative.....

## Description of Duties

- I. (a) Installation or repair of substantial machinery in the machinery spaces of new and existing ships (nature of duties must be specified).
- I. (b) Fitting, erecting or maintenance of machinery other than the above suitable for the training of Marine Engineers (Nature of duties must be specified).
- II. Fitting on machinery other than I.
- III. Metal turning.
- IV. Machine work (other than lathe).
- V. Work in Drawing office, as draughtsman or engineer.
- VI. Other work, the nature of which should be specified. The use of the appropriate numerals is sufficient except in cases I(a), I(b) and VI.

(2) Specimen Form of Testimonial for Sea Service

{ Name and address of Shipowner or  
Company.

I certify that the following is a full and true statement of the sea service performed by  
supervision on board the\*.....under my  
O.N. ....

Period of Service Dates.	Rank of Officer and actual seniority on watch	Type of main engines and boilers. Single or Twin-screw. N.H.P. or B.H.P.	Nature of duties. For appropriate description see below.
From To			

Number of days actually spent at sea.....

Report as to ability.....

Report as to conduct.....

Report as to sobriety.....

Signature of Chief Engineer.....

Remarks (if any).....

Signature of { Engineer Superintendent  
or  
Master or other representative of  
owners.....

\*Steam of motor ship. Name of ship and official number.

Description of Duties

I. On fitters' work either by day or regular watch.

- (a) Within main engine and boiler spaces.
- (b) Outside main engine and boiler spaces.

II. (a) On refrigerating or other machinery not essential to the propulsion of the vessel.

- (b) On auxiliary engines separated from main propelling units but worked in conjunction therewith.

III. On regular watch on Main Engines as

- (a) First Engine Room Assistant under the Senior in full charge.
- (b) Second Engine Room Assistant.
- (c) Junior Engine Room Assistant.

IV. On regular watch on Main Boilers.

- (a) In charge of all stokeholds.
- (b) Incharge of a section or one stokehold only.
- (c) As Boiler Room Assistant.

V. On regular watch on Main Engines and Boilers simultaneously.

- (a) In full charge of the entire watch.
- (b) As First Assistant to the Senior in full charge.
- (c) As Junior Assistant.

NOTE.—It is recommended that this form should be used when the Engineer reported on, or when the Chief Engineer, leaves a ship.

## APPENDIX F

[See rule 62]

## STUDIES FOR CERTIFICATES

Certain places of higher education provide special intensive courses in the theoretical aspects of marine engineering which are specially designed for candidates who, possessing the necessary workshop and sea experience, wish to consolidate and refresh their knowledge before sitting for either the Second or First Class Certificates of Competency. A list of colleges which at present provide such courses to the satisfaction of the Central Government is at Appendix G.

Candidates are advised to consult the Principals of the Colleges mentioned above regarding the choice of text books from which they should study. They should also read technical journals and the Transactions of their professional institutions. There are also a number of Notices issued from time to time by the Ministry of Transport and Civil Aviation, United Kingdom, with the contents of which all marine engineers should be familiar. The most important of these are:

Notice No. 106 (Revised 1946), Fires in Steamship Bunker and Cargo Coal—Spontaneous Combustion;

Notice No. 439, Prevention of fire in Cargo Ships using Oil Fuel;

Notice No. 415, Fires in Ships.

Copies of these may be obtained from the Mercantile Marine Departments, Bombay and Calcutta and also from Mercantile Marine Offices in United Kingdom.

Copies of specimen examination papers for all grades of certificates of competency may be obtained from the Mercantile Marine Department, Bombay/Calcutta/Madras.

## APPENDIX G

[See rule 62]

## COLLEGES WHICH RUN COURSES FOR MARINE ENGINEERS

*Name of School or Institution.* (c.f. Appendix F).

Aberdeen: Robert Cordon's Technical College.

Belfast: City of Belfast College of Technology.

Bombay: Nautical and Engineering College.

Calcutta: Marine Engineering College.

Cardiff: Welsh College of Advanced Technology.

Dundee: Dundee Technical College.

Glasgow: Stow College, School of Engineering.

Greenock: Watt Memorial School.

Hull: College of Technology, Kingston-upon-Hull.

Leith: Leith Nautical College.

Liverpool: City of Liverpool College of Technology.

London: L.C.C. Poplar Technical College, Poplar, E. 14.

South Shields: The South Shields Marine and Technical College, Westoe.

Southampton: Southampton Technical College.

## APPENDIX H

[See rule 58]

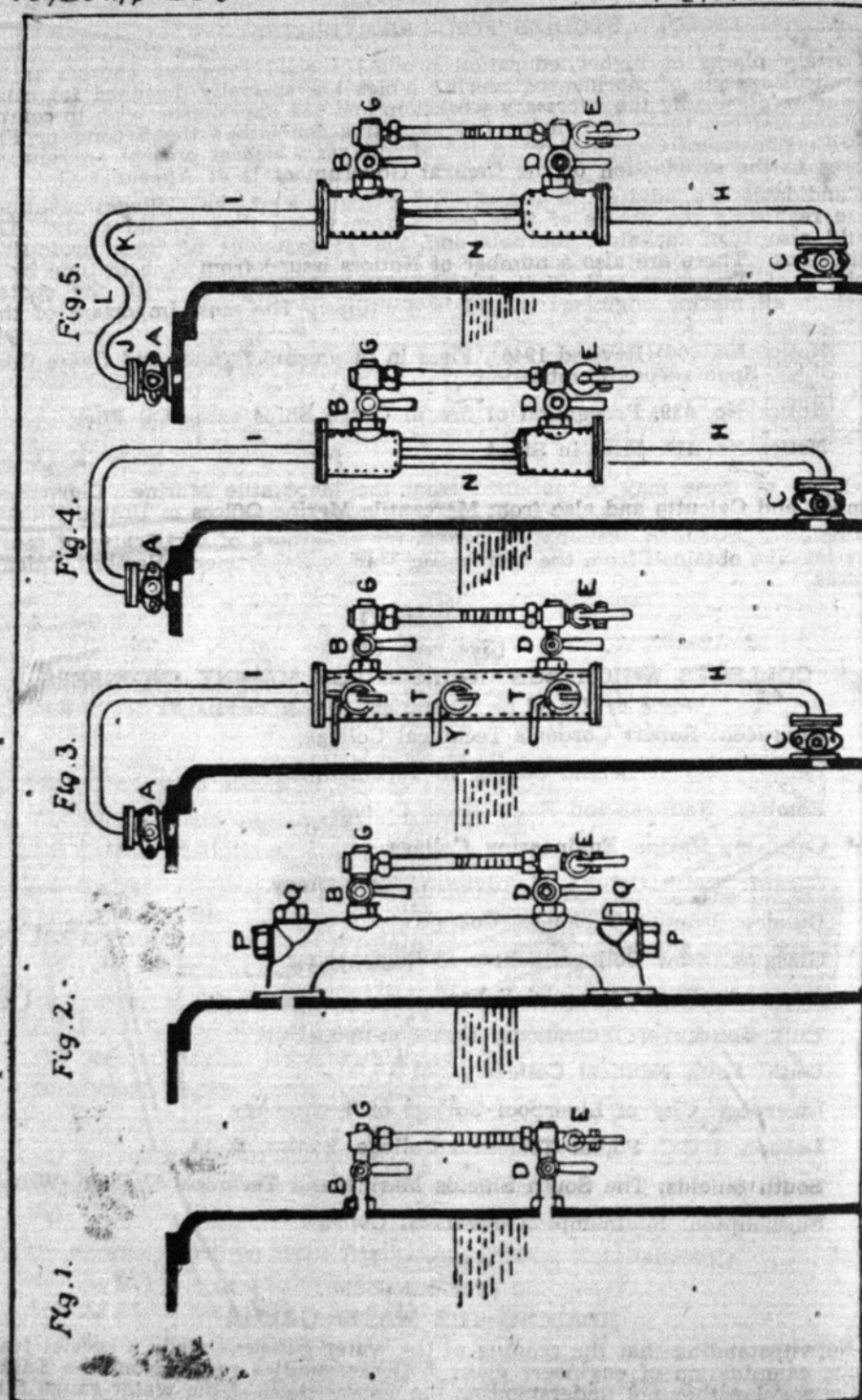
## READING THE WATER-GAUGE

Notwithstanding that the reading of the water-gauge is made a special feature in the examination of engineers many boiler casualties result from the Engineer of the watch either not understanding the construction of the water-gauge fittings or not satisfying himself by actual trial that the cocks, pipes, etc., are clear.



To face Appendix G

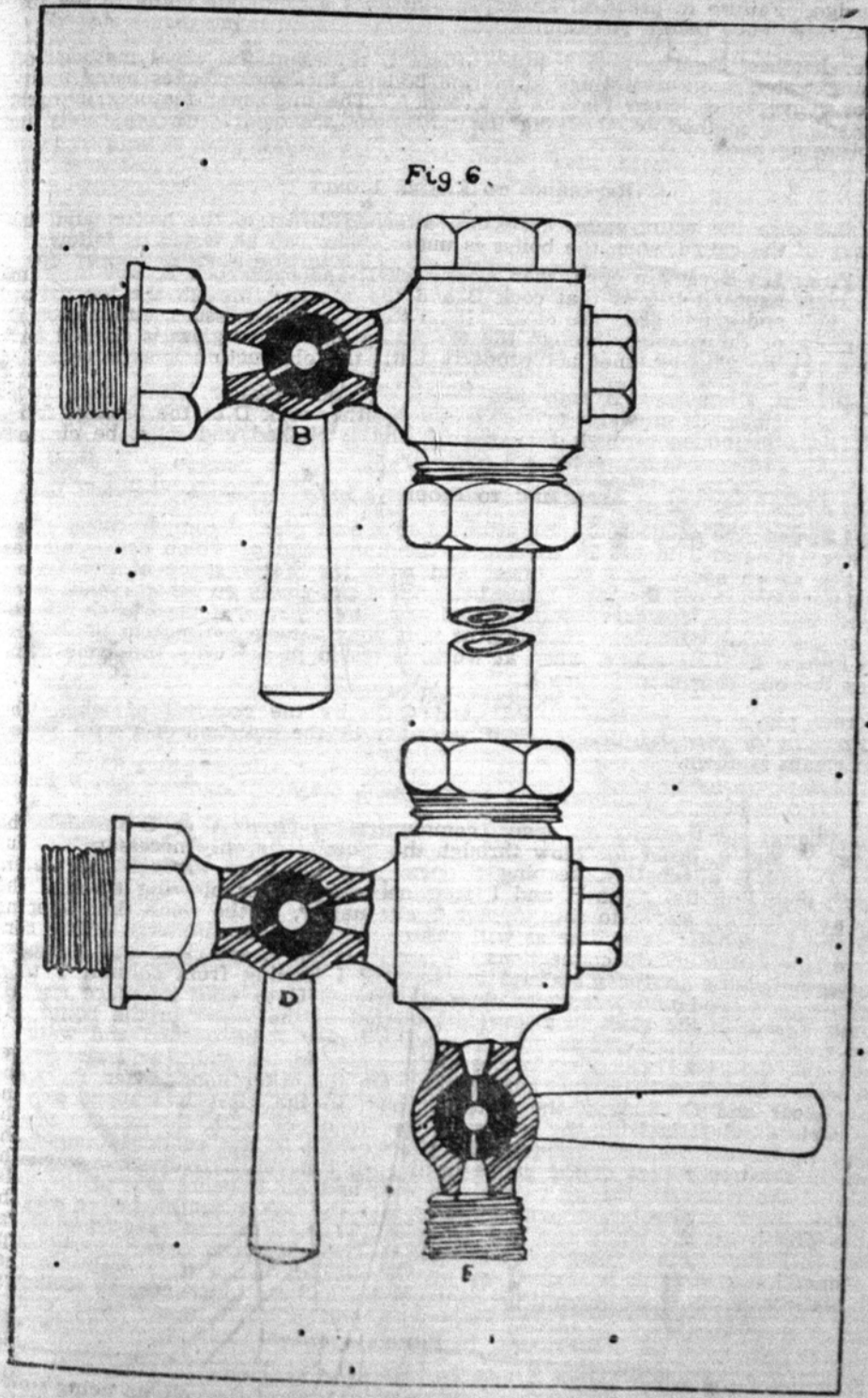
PLATE I



To face Appendix G

PLATE 2

Fig. 6.



Unless a candidate under examination is able to prove that he understands how to verify the indications of the water-gauge, he will not be passed in practical knowledge. Failure in practical knowledge involves a candidate going to sea for further experience before re-examination.

The sketches, Figures 1, 2, 3 and 4, Plate I, represent the usual methods of attaching water-gauge mountings to marine boilers, the smoke boxes being omitted, for convenience, from Figures 3, 4, and 5. The important features in each gauge and the method of verifying its indications are dealt with separately in the following notes.

#### REFERRING TO FIGURE 1 ONLY

In this case the water-gauge cocks are attached direct to the boiler, and the accuracy of the gauge when the boiler is under steam can be tested as follows:

First: Let B remain open, then close cock D and open cock E, and if steam issues it proves that cock B and the passage through the top fitting and gauge glass are clear. If no steam or water issues, either cock B or the passage through the top fitting and gauge glass is choked and the gauge cannot act properly until the obstruction is removed.

Second: Close cock B and open D and E, and if water issues, cock D is clear. If no water or steam issues, either cock D or the passage from the boiler through the lower fitting is choked and must be cleared before the gauge can act properly.

#### REFERRING TO FIGURE 2 ONLY

In this case the gauge cocks are attached to a bent pipe of comparatively large diameter (at least 3 inches in the bore), the upper end of which communicates with the steam space, and the lower end with the water space of the boiler. Owing to the bore of the pipe being large, it is not likely to become choked or stopped under the ordinary conditions of working. The water-gauge is, therefore, in practically the same condition as if it were attached direct to the boiler, as in Figure 1. This gauge, when at work, is tested in precisely the same manner as the one shown in Figure 1.

Screw plugs are inserted at P.P. and Q.Q., by the removal of which the apertures in the pipe can be cleared if necessary by the insertion of a wire or rod when steam is down.

#### REFERRING TO FIGURE 3 ONLY

In this gauge there is an open communication from A to C through the column Y, and in order to "blow through the glass" it is only necessary to shut cocks D and B alternately, keeping E open. But to "blow through the water-gauge", including the pipes H and I, it is necessary, after blowing through the glass as described above to shut A and C alternately, at the same time keeping B, D and E open for such time as will ensure the complete discharge of the contents of the gauge and its connections. When B, D and C are clear and A choked the steam lodging in the glass, and in the pipe I leading from column Y to A becomes condensed and the water flowing through C to take its place rises in column Y and in the glass to a level above that of the water in the boiler. In other words, the gauge shows a false level. If now E be opened and water is blown out, then on E being again closed the water in the gauge will rise higher than before and be still further misleading. On the other hand, when B, D and A are clear and C choked, the water, if any, in the glass is trapped and no longer rise and falls with the water in the boiler or with the motion of the vessel; it, however, slowly rises in the glass owing to the condensation of the steam in the upper part of the gauge until such time as E is opened, when the whole of the water in the glass is blown out; and on E being closed, the glass does not show any water, notwithstanding that the water in the boiler may be at the proper level. When the test cocks T.T.T. are attached to column Y, as shown in Figure 3, they cease to be reliable when either cock A or C or the pipe in connection therewith is choked, or nearly choked; hence it is desirable that such test cocks should be fitted direct to the boiler and not to the column as shown.

#### \* REFERRING TO FIGURE 4 ONLY

Sometimes the water-gauge fittings are arranged as shown in Figures 4 and 5, with no passage up the column, the central portion (N) of the column being simply



a pillar or connecting piece of any convenient section between the upper and lower portion to which the cocks B and D are attached.

By this arrangement double communications are obviated and there is no need for what is known as "double shut off" in testing the accuracy of the gauge. When, however, the gauges are constructed in this manner, the cocks B and D are unreliable as test cocks in the event of there being no glass in the gauge. This feature should be carefully noted. Moreover, when in working condition the reduction of pressure in the glass which arises when E is opened causes the water in pipe H to rise above its normal level. This objectionable feature should also be noted.

#### REFERRING TO FIGURE 5 ONLY

Sometimes there is a bend, L, in the steam pipe I leading from cock A to cock B. This has occasionally escaped observation when new boilers have been fitted on board ship. In most cases this bend arises from the pipe being led in an abnormal direction to escape other pipes, beams or fittings near the smoke-box. With such a bend the condensed steam collects in the pipe and falls to the bottom of the bend, and in time it completely fills the pipe from J to K. The steam from K down to the level of the water in the glass is thereby trapped and, as condensation proceeds, leads to a reduction of pressure in the pipe blow that of the boiler and an equivalent rise of the water in the bend and also in the gauge glass. When the vessel is quiescent the water in the gauge glass increases in height until cock E is opened or until the pressure in the boiler is so much in excess of that in the lower part of pipe I as to cause the water in the bend to be blown into the gauge glass. In either case instantaneous change of water level in the glass ensues.

In the ordinary course of working, the phenomenon described above is more or less modified by the presence of air in the upper part of the gauge and by the rise and fall of the water in the boiler and gauge glass arising from the rolling or pitching motions of the vessel.

#### OTHER SPECIAL POINTS TO BE NOTED

When cocks A and C are omitted, as in Figure 2, this is owing to the bore of the stand pipe being sufficiently large to enable it to be regarded as part of the boiler. Such pipes require, however, to be examined and cleared at intervals by passing a rod through the holes provided for the purpose at P.P. and Q.Q.

Cocks at A and C are necessary for the testing of gauges arranged as shown in Figures 4 and 5. Candidates, however, should be fully aware of the impossibility of testing the reliability of the indications of water-gauges arranged as in Figure 3 when the cocks A and C are absent, and of the effect which the choking of cock A or C, or pipe H or I, has on the indications of the test cocks T.T.T. when attached to column Y.

Many ships afloat are fitted with water-gauges, as shown in Figures 3 and 4, and it is therefore specially important that engineer candidates should thoroughly understand their construction, the principle on which they act, and the steps which must be taken to keep them in an efficient condition.

When fitting a gauge glass into its place, it is specially important that it should not be placed so high as to prevent a clearing rod being inserted at G, Figures 1, 2, 3, 4 and 5. This defect, especially, if it occurs in a water-gauge attached to a boiler subject to priming permits a rapid accumulation of scum around the top of the glass and results in the choking of the orifice leading from cock B to the gauge glass in each of the figures.

When a gauge glass is too short, or is placed either too low in the fittings, it is also liable to become choked by the packing material being forced over its ends by the glands whilst being screwed up.

The use of unsuitable or insecure internal pipes in connection either with the ordinary glass gauge cocks of the description shown in Figure I, or with test cocks which are jointed to the boiler itself, should also be carefully guarded against.

Boiler casualties have resulted from the cocks B and D having the parts wrongly placed as shown in Figure 6, Plate II. In one case of that kind, which

forms the subject of Report No. 208 under the U.K. Boiler Explosions Acts, the engineer in testing the water-gauge omitted to see that the passages in the cocks B and D were clear *when the handles were in their proper working position*. This defect could easily have been discovered if proper attention had been paid to the condition of the cocks. A defect of this nature may be due to faulty construction originally, or to the handle of the cock having been over strained, and the neck twisted. Whether the passages in the plugs are fair and clear can, however, be verified in a few minutes. As an illustration, the water cock D, Figure 6, Plate II, can be verified by blowing through E with B shut and then moving the handle of D to one side until it is just closed, and then to the other side until it is again just closed; the proper working position of the handle is about equally distant from each of the above positions. The other cocks can be verified in the same manner.

Another serious casualty occurred through the handle of the cock A, Figure 3, having been twisted from its original position relatively to the orifice of the cock, resulting in the cock being shut when apparently open.

When a water-gauge, that is clear in all its parts, has been thoroughly blown through, the water in the glass rises above the level at which it formerly stood, immediately the drain cock E is closed, but if left undisturbed for a time it gradually falls to its former position. The amount of rise which occurs on these occasions depends chiefly on the temperature of the contents of the boiler and on the length of the pipes by which column Y is connected top and bottom to the boiler, but in cases where the gauge is of the description illustrated in Figures 3, 4 and 5, it amounts in high pressure boilers to about 4 inches, while the time occupied by the water in returning to its former level ranges from 30 to 40 minutes. The cause of this rise is twofold, namely, (a) the displacement of the comparatively cold water in the pipe H by hotter and proportionately lighter water from the boiler and (b) a slight condensation of the steam and a corresponding fractional reduction of pressure in pipe I. The cause of the gradual subsidence of the water in the glass to its former level is also of a dual character, namely, (a) the cooling of the water in pipe H, and (b) the diminution in the condensation of steam in pipe I owing to the collection therein of air released from the steam condensed.

These results will, however, be somewhat modified if the water in the boiler is of higher density than in Pipe H, and this will nearly always be the case owing to the condensation of the steam in the glass and upper fittings of the water-gauge, causing the water in the lower part to be fresher than that in the boiler.

Candidates should understand the necessity for periodically blowing through the water gauge on each boiler (no matter what the form may be) in a systematic and thorough manner, and in cases where a boiler is fitted with two water-gauges, of keeping both in constant use; finally, they should realise the necessity for keeping the water-gauges well-lighted, clean, and in all respects efficient.

[No. 30-ML(9)/59.]

B. P. SRIVASTAVA, Dy. Secy.

(Departments of Communications and Civil Aviation)

(Posts and Telegraphs Board)

New Delhi, the 12th June 1963

**G.S.R. 1031.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules to amend the Posts and Telegraphs Department (Auto Exchange Assistants) Recruitment Rules, 1963, namely:—

1. These rules may be called the Posts and Telegraphs Department (Auto Exchange Assistants) Recruitment Amendment Rules, 1963.

2. In rule 7 of the Posts and Telegraph Department (Auto Exchange Assistants) Recruitment Rules, 1963 (hereinafter referred to as the said rules):

(i) in item (a), the following shall be added at the end, namely:—

“(iv) Aptitude test (oral and practical).”

(ii) after item (c), the following item shall be added, namely:—

“(d) the aptitude test will be conducted by a Board consisting of a Director of Telegraphs or an Officer of equivalent rank and two other Telegraph Engineering Service, Class I, Officers (senior time

scale)\* nominated by the General Manager. The details of the test will be drawn up by this Board. This test will, however, include the assembly of pieces to make pattern, the use of tools, assembling of dismantled machine parts, etc. within a short time. Only the candidates qualifying in the written test should be subjected to the aptitude test and those qualifying in this test should be finally selected in the order of merit in the entire examination (including the aptitude test)."

3. In rule 26 of the said rules:

(i) for sub-rule (b), the following sub-rule shall be substituted, namely:—

"(b) An employee of the Indian Posts and Telegraphs Department, whether recruited as an outside candidate or as a departmental candidate, shall be treated as on duty under Fundamental Rule 9(6)(b)(i) and shall be entitled to the same pay and allowances as he would have drawn but for his deputation to the training class, or the training allowance, whichever is greater."

(ii) sub-rule (c) shall be omitted.

[No. 40-1/61-NCG.]

A. BHATTACHARJEE,

Assistant Director General (STN).

(Departments of Communications and Civil Aviations)  
(P. & T. Board)

New Delhi, the 14th June 1963

**G.S.R. 1032.**—In exercise of the powers conferred by Section 10 of the Indian Post Office Act, 1898 (6 of 1898), the Central Government hereby makes the following rules further to amend the Indian Post Office Rules, 1933, namely:—

1. (1) These rules may be called the Indian Post Office (Second Amendment) Rules, 1963.

(2) They shall come into force on the 1st July, 1963.

2. In the Indian Post Office Rules, 1933,—

(i) for rule 5 the following rule shall be substituted, namely:—

"5. The following rates of postage shall be chargeable on postal articles when the postage is prepaid—

#### LETTERS

(A) For any part of the world served by the Foreign Post with the exception of Ceylon, Nepal and Pakistan—

For a weight not exceeding twenty grams .. forty naye paise.

For every additional twenty grams or fraction thereof .. twenty-five naye paise.

(B) For Ceylon, Nepal and Pakistan .. Indian Inland rates.



## POST CARDS\*

(A) For any part of the world served by the Foreign Post with the exception of Ceylon, Nepal and Pakistan—

For a single post card .. twenty-five naye paise.

For a reply post card .. fifty naye paise.

(B) For Ceylon, Nepal and Pakistan .. Indian Inland rates.\*

## PRINTED PAPERS (INCLUDING NEWSPAPERS AND BOOKS)

(A) For any part of the world served by the Foreign Post with the exception of Ceylon, Nepal and Pakistan—

For a weight not exceeding fifty grams .. fifteen naye paise.

For every additional fifty grams or fraction thereof .. ten naye paise:

Provided that in the case of newspapers which, for the purpose of inland post are treated as registered newspapers, the rate of postage shall be, for each copy, as follows:—

For a weight not exceeding fifty grams .. eight naye paise.

For every additional fifty grams or fraction thereof .. four naye paise.

(B) For Ceylon, Nepal and Pakistan .. Indian Inland rates for book packets:

Provided that in the case of newspapers which, for the purpose of inland post are treated as registered newspapers, the Indian Inland rates of postage for registered newspapers shall apply.

## EXPRESS DELIVERY

Express delivery unregistered letters, aerogrammes, post cards and book packets .. forty naye paise in addition to the postage for the same article when not intended for express delivery.

## "BLIND LITERATURE" PACKETS

"Blind Literature" packets to all foreign countries shall be exempt from postage.

## BUSINESS PAPERS (LEGAL AND COMMERCIAL DOCUMENTS)

(A) For any part of the world served by the Foreign Post with the exception of Ceylon, Nepal and Pakistan—

For a weight not exceeding fifty grams .. fifteen naye paise.

For every additional fifty grams or fraction thereof .. ten naye paise:

Provided that the charge for a packet of Business papers shall in no case be less than forty naye paise.

(B) For Ceylon, Nepal and Pakistan

Indian Inland rates for book packets.

#### SAMPLE PACKETS

(A) For any part of the world served by the Foreign Post with the exception of Ceylon, Nepal and Pakistan—

For a weight not exceeding fifty grams ..

fifteen naye paise.

For every additional fifty grams or fraction thereof ..

ten naye paise.

Provided that the charge for a Sample packet shall in no case be less than forty naye paise.

(B) For Ceylon, Nepal and Pakistan

Indian Inland rates.

#### INSURED BOXES

For a weight not exceeding fifty grams, ..

twenty-six naye paise.

For every additional fifty grams or fraction thereof ..

twenty-six naye paise.

Provided that the charge for a box shall in no case be less than one rupee and twenty-eight naye paise.

The Director General shall, from time to time, declare in the Post Office Guide, Part II, the countries and places to which insured boxes can be transmitted by the Foreign Letter Post.

#### PARCELS

The Director General shall, from time to time, declare in the Post Office Guide, Part II, the countries and places to which parcels may be transmitted by the Foreign Post, and the rates of postage chargeable in each case.

Postage and other charges due on parcels which are returned as undeliverable from the countries and places of destination in accordance with the arrangement in force between India and such countries and places shall be recovered from senders in India."

(ii) in rule 5-A—

(a) for the words "Eighty naye paise" the words "Eighty-five naye paise" shall be substituted;

(b) for the words "Rupee one and twenty-five naye paise" the words "Rupees two and five naye paise" shall be substituted.

[No. 1-13/63-R.]

S. M. GHOSH,  
Director (Mails).

**MINISTRY OF WORKS HOUSING AND REHABILITATION****CORRIGENDUM***New Delhi, the 15th June 1963*

**G.S.R. 1033.**—Please substitute the following for the first proviso in paragraph 1 of this Ministry's Notifications numbers, 15(6)/62-EWI (i), 15(6)/62-EWI (ii), 15(6)/62-EWI (iii) and 15(6)/62-EWI (iv), dated the 28th March, 1963:—

"Provided that, subject to the issue of a certificate of eligibility in his favour, a subject of Nepal, or a subject of Bhutan, or a Tibetan refugee who came over to India before the 1st January, 1962, with the intention of permanently settling in India may also be appointed to any Service or post."

[No. 15(6)/62-EWI.]

R. C. MEHRA, Under Secy.

**MINISTRY OF ECONOMIC AND DEFENCE CO-ORDINATION***New Delhi, the 12th June 1963*

**G.S.R. 1034.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules to amend the Directorate General of Supplies and Disposals (Class III, Non-Ministerial posts) Recruitment Rules, 1961 published with the notification of the Government of India in the Ministry of Works, Housing and Supply No. G.S.R. 1309, dated the 28th October, 1961, namely:—

1. These rules may be called the Directorate General of Supplies and Disposals (Class III, Non-Ministerial posts) Recruitment Amendment Rules, 1963.

2. In the Directorate General of Supplies and Disposals (Class III, Non-Ministerial posts) Recruitment Rules, 1961, in the Schedule, in column 6, against the post of Staff Car Driver after the word "recruitment", the following shall be added at the end, namely:—

"Preference will be given to Class IV employees of the Directorate General of Supplies and Disposals. Where no suitable person from among them is available, recruitment will be made through the Employment Exchange. The quota allotted to the candidates belonging to the Scheduled Castes and the Scheduled Tribes will be strictly given to them and if the quota cannot be filled by recruitment from among the Class IV staff in the Directorate, members of the Scheduled Castes and the Scheduled Tribes will be recruited from the Employment Exchange to make up their quota."

[No. 49(9)/61-ES.II.]

R. RAJAGOPALAN, Under Secy.

**MINISTRY OF RAILWAYS****(Railway Board)***New Delhi, the 13th June 1963*

**G.S.R. 1035.**—In exercise of the powers conferred by section 47 of the Indian Railways Act, 1890 (9 of 1890), read with the notification of the Government of India in the late Department of Commerce and Industry No. 801, dated the 24th March, 1905, the Railway Board, with the sanction of the Central Government, hereby make the following rules further to amend the Railways Red Tariff Rules, 1960, namely:—

1. These rules may be called the Railways Red Tariff (Seventh Amendment) Rules, 1963.

2. In the Railways Red Tariff Rules, 1960 in Table I occurring at the end of Chapter I, under the heading "class 6" and subheading "Division 2",



after the item "Plastic Igniter Cord" and the entries relating thereto, the following item and entries shall be inserted, namely:—

1	2	3	4	5	6	7	8
"Plastic Igniter Wick.	..	180-B	..	..	..	..	AQ"

[No. 63-TG.II/21/3.]

P. C. MATHEW, Secy.

### MINISTRY OF INFORMATION AND BROADCASTING

New Delhi, the 12th June 1963

**G.S.R. 1036.**—In exercise of the powers conferred by the provision to article 309 of the Constitution, the President hereby makes the following rules to amend the Films Division (Recruitment to Class III and Class IV posts) Rules, 1959, published with the notification of the Government of India in the Ministry of Information and Broadcasting, No. G.S.R. 1090, dated the 21st September, 1959, namely:—

1. These rules may be called the Films Division (Recruitment to Class III and Class IV posts) Second Amendment Rules, 1963.

2. In the Schedule to the Films Division (Recruitment to Class III and Class IV posts) Rules, 1959,—

in column 4 against each of the Serial Numbers 34 and 36, for the existing entries the following shall be substituted, namely—

"210—10—290—15—320—EB—15—425".

[No. 3/1/63-F(A): FDRR/24.]

D. R. KHANNA, Under Secy.

### MINISTRY OF EDUCATION

New Delhi, the 15th June 1963

**G.S.R. 1037.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to Class II posts in the Training Centre for the Adult Deaf, Malakpet, Hyderabad, under the Ministry of Education, namely:—

1. **Short title.**—These rules may be called the Training Centre for the Adult Deaf (Class II post) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply for recruitment to the post specified in column 1 of the Schedule hereto annexed.

3. **Number, Classification and Scale of Pay.**—The number of post, its classification and the scale of pay attached thereto shall be as specified in columns 2 and 4 of the said Schedule.

4. **Method of Recruitment, age limit and other qualifications.**—The methods of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid.

Provided that the upper age limit prescribed for direct recruitment may be relaxed in the case of candidates belonging to Scheduled Castes, or Scheduled Tribes or other special categories, of persons in accordance with the orders issued by the Central Government from time to time.

5. Disqualification.—(a) No person, who has more than one wife living or who having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post; and

(b) no woman, whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the post;

Provided that the Central Government may, if satisfied that there are special grounds for so ordering exempt any person from the operation of this rule.

*Recruitment Rules for the post of Director, Training centre for the*

Name of post	No. of Posts	Classification	Scale of pay	Whether selection post or non-selection post	Age limit for direct recruits	Educational and other qualifications required for direct recruits
1	2	3	4	5	6	7
Director, Training Centre for the Adult Deaf, Hyderabad.	1	General Central Service Class II, Gazetted (Non-Ministerial).	Rs. 500—30—800—EB—30—830—35—900.	Not applicable.	45 Years (Relaxable in the case of Govt. servants).	<p><i>Essential :</i></p> <p>(i) Degree or diploma in Mechanical Engineering of a recognised University or Institution or equivalent qualifications.</p> <p>(ii) About 3 years' practical Industrial experience.</p> <p>The aforesaid qualifications may be relaxed by the Commission at its discretion in the case of candidates otherwise well qualified.</p> <p><i>Desirable :</i></p> <p>Two years teaching experience.</p>

*Adult Deaf under Ministry of Education.*

Whether age and educational qualifications prescribed for direct recruits will apply in the case of promotees	Period of probation, if any	Method of recruitment whether by direct recruitment or by promotion or transfer and percentage of the vacancies to be filled by various methods	In case of recruitment by promotion/transfer grades from which promotion to be made	If D.P.C. exists what is its composition	Circumstances in which U.P.S.C. it to be consulted in making recruitment
8	9	10	11	12	13
Not applicable	Two years	By transfer or deputation of officers holding analogous posts under the Central/State Governments failing which by direct recruitment. The period of deputation under the Ministry's powers shall not exceed 4 years but the same may be extended for a longer period in consultation with the U.P.S.C.		Not applicable	As required under the rules.

[No. F. 18-12/63-SW. 7.]

C. GANESAMURTI,  
Assistant Educational Adviser.**MINISTRY OF FOOD AND AGRICULTURE**  
(Department of Food)

New Delhi, the 12th June 1963

G.S.R. 1038.—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules further to amend the National Sugar Institute, Kanpur (Classes I and II Posts) Rules, 1958, published with the notification of the Government of India, in the Ministry of



Food and Agriculture (Department of Food) No. G.S.R. 496, dated the 11th June, 1958, namely:—

1. These rules may be called the National Sugar Institute (Classes I and II Posts) Fourth Amendment Rules, 1963;
2. In the Schedule to the National Sugar Institute (Classes I and II Posts) Rules, 1958, after item 20 and the entries relating thereto, the following item and entries shall be inserted, namely:—

1	2	3	4	5	6	7
20-A. Technical Officer (Sugar Technology)	I	G.C.S. Class I	Rs. 400—400— 450—30—600 —35—670— EB—35—950	Selection 40 years and below (relaxable for Government servants).	Essential:— (i) Degree in Science with Post Graduate Diploma in Sugar Technology. (ii) About 5 years' experience in a Sugar Factory in a responsible capacity or in a recognised organisation or Institute/Department dealing with matters relating to Technological aspects of Sugar.	Qualifications relaxable at Commission's discretion in case of candidates otherwise well qualified.

8 9 10 11 12 13

Nb.	Two years	By promotion failing which by direct recruitment.	Promotion Technical Officers (Sugar Technology). with about 3 years' service in the grade.)	Junior Officers	Class I D.P.C.	As required under the rules.
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[No. F. 3-5/63-Sugar.]

PARTAP SINGH, Under Secy.

**(Department of Food)***New Delhi, the 13th June 1963*

**G.S.R. 1039.**—In exercise of the powers conferred by clause (e) of section 2 of the Warehousing Corporations Act, 1962 (58 of 1962), the Central Government hereby declares the following commodities to be "notified commodities" for the purposes of the said Act, namely:—

- (1) Iron and steel (Metal).
- (2) Iron and steel structurals.
- (3) Insecticides, fungicides and weedicides.
- (4) Rubber.
- (5) Portland cement.
- (6) Coir fibre and coir products.
- (7) Textiles.
- (8) Paper and pulp including paper products.
- (9) Leather, leather goods and pickers.

[No. F. 26/24/63-SG.II.]

A. K. RAY, Dy. Secy.

**MINISTRY OF COMMUNITY DEVELOPMENT AND COOPERATION***New Delhi, the 6th June 1963*

**G.S.R. 1040.**—In exercise of the powers conferred by the Proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to the posts of Telephone Operators in the Ministry of Community Development and Cooperation, namely:—

1. **Short title.**—These rules may be called the Ministry of Community Development and Cooperation (Telephone Operators), Recruitment Rules, 1963.

2. **Application.**—These rules shall apply to the posts specified in column 1 of the Schedule annexed hereto.

3. **Number, classification and scale of pay.**—The number of posts, their classification and the scale of pay attached thereto shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of recruitment, age limit and other qualifications.**—The method of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid:

Provided that the upper age limit prescribed for direct recruitment may be relaxed in the case of Scheduled Castes, Scheduled Tribes and other special categories of persons in accordance with the orders of the Government of India issued from time to time.

5. **Disqualification.**—No person, who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post; and



no woman, whose marriage is void by reason of the husband having a wife living at the time of such marriage, or who has married a person, who has a wife living at the time of such marriage, shall be eligible for appointment to the post;

Provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.

*Recruitment Rules for the post of Telephone Operator in the Ministry of Communications*

Name of the post	No. of posts	Classification	Scale of pay	Whether selection post or non-selection post.	Age limit for direct recruits.	Educational & other qualifications required for direct recruits.
1	2	3	4	5	6	7
Telephone Operator.	3	General Central Services Class III, (Non-gazetted), Non-Ministerial.	Rs. 110-3-131-4-155-EB-4-175-5-180	Not applicable	18-25 years	1. Matriculation or equivalent qualification. 2. knowledge of operation of telephones switch Board including the Private Automatic Branch Exchange Board.

*Development and Cooperation (Department of Community Development).*

Whether age & educational qualifications prescribed for the direct recruits will apply in the case of promotees.	Period of probation if any	Method of rectt. whether by direct rectt. or by promotion or transfer & percentage of the vacancies to be filled by various methods.	In case of rectt. by promotion/transfer, grades from which promotion to be made.	If a DPC exists what is its composition.	Circumstances in which UPSC is to be consulted in making recruitment.
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8

9

10

11

12

13

Does not arise.

Two years

Direct recruitment from the Employment Exchange failing which by transfer from other Departments.

Transfer of experienced telephone operators from other Government departments.

Not applicable

Not applicable.

[No. F. 11/12/62-Adm.n.]

T. R. CHOPRA,  
Under Secy.



**MINISTRY OF FINANCE**  
(Department of Economic Affairs)

*New Delhi, the 13th June 1963*

**G.S.R. 1041.**—In exercise of the powers conferred by clause (2) of article 77 read with clause (1) of article 299 of the Constitution, the President is pleased to make the following rule, namely:—

The Credit Agreement between the Government of the Republic of India and the De Nationale Investeringsbank (Herstelbank) N.V., relating to the loan of Dutch guilders 65 million (Dutch guilders sixty-five million) shall be executed and authenticated on behalf of the President by the Ambassador of India in the Netherlands.

[No. 15(7)-FCII/63.]

By Order and in the name of the President,

Y. T. SHAH, Jt. Secy.

**(Department of Economic Affairs)**

*New Delhi, the 18th June 1963*

**G.S.R. 1042.**—The following draft of certain further amendments to the Banking Companies Rules, 1949, which it is proposed to make in exercise of the powers conferred by sub-sections (1) and (2) of section 52 of the Banking Companies Act, 1949 (10 of 1949) and after consultation with the Reserve Bank of India, is published as required by sub-section (3) of the said section for the information of all persons likely to be affected thereby, and notice is hereby given that the said draft will be taken into consideration on or after the 31st December, 1963.

Any objection or suggestion with respect to the said draft should be sent to the Ministry of Finance before the date specified, a copy thereof being endorsed to the Department of Banking Operations, Central Office, Reserve Bank of India, Bombay.

**Draft Amendments**

1. These rules may be called the Banking Companies (Amendment) Rules, 1963.

2. In the Banking Companies Rules, 1949,—

(1) in rule 6,

(a) (i) the proviso to sub-rule (1).

(ii) sub-rule (3),

(iii) the words "or of an intimation of deposit under sub-rule (3)" occurring in sub-rule (5); and

(iv) sub-rule (6),

shall be omitted,

(b) the existing sub-rule (4), and sub-rule (5) as so amended, shall be re-numbered as sub-rules (3), and (4) respectively;

(2) in rule 8, sub-rule (1) shall be omitted and in sub-rule (2), the brackets and figures "(2)" shall be omitted;

(3) in rule 10,—

(a) (i) sub-rule (2).

(ii) the word "rupee" and the words, figures and brackets "and with the amounts received, if any, from the London Office of the Reserve Bank under sub-rule (2)", occurring in sub-rule (3)

shall be omitted; and

(b) sub-rule (3) as so amended shall be renumbered as sub-rule (2);

3. In Form III of the Forms annexed to the said Banking Companies Rules, for the existing item B and the entry relating thereto, the following item shall be substituted, namely:

"B. Minimum amount of cash reserve required to be held under section 18 of the Act—Three per cent of A3."

4. For the existing Form X annexed to the said Banking Companies Rules, the Form specified in the Appendix hereto shall be substituted with effect from the 16th of September, 1964.

APPENDIX

The Banking Companies Act, 1949.

FORM X

(SECTION 24)

Name of the banking company.....  
Name and designation of the officer submitting the return.....

Statement of demand and time liabilities and cash, gold and unencumbered approved securities for the month of .....

(To be furnished to the Reserve Bank not later than 15 days after the end of the month to which it relates).

(Rounded off to the nearest thousand)

As at the close of business on

1st Friday (a)	2nd Friday (a)	3rd Friday (a)	4th Friday (a)	5th Friday (a)
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A. LIABILITIES IN INDIA

1. Demand liabilities (Less borrowings from the Reserve Bank, the State Bank of India, the Refinance Corporation for Industry Ltd., and notified banks\*)

2. Time Liabilities (Less borrowings from the Reserve Bank, the State Bank of India, the Refinance Corporation for Industry Ltd., and notified banks\*)

3. TOTAL OF A1 and A2

B. Minimum amount of assets required to be held under section 24 of the Act (25 per cent of A3)

C. ASSETS IN INDIA

1. (a) Cash in hand  
(b) Balances with the State Bank of India in current account  
(c) Balances with notified banks\*\* in current account

2. Total of (a), (b) and (c) under C1.

3. Balances with the Reserve Bank in current account

	As at the close of business on				
	1st Friday (a)	2nd Friday (a)	3rd Friday (a)	4th Friday (a)	5th Friday (a)
4. Cash and/or balances required to be maintained under section 18 of the Banking Companies Act†					
Balances required to be maintained under section 42 of the Reserve Bank of India Act††					
5. Excess of the total of C2 and C3 over C4†					
Total of C2 and excess of C3 over C4††					
6. Gold (valued at a price not exceeding current market price)					
7. Unencumbered approved securities (valued at a price not exceeding current market price)					
8. Deposits with the Reserve Bank under sub-section (2) of section 11 of the Act					
(i) Cash					
(ii) Unencumbered approved securities (valued at a price not exceeding current market price)					
9. TOTAL OF C5, C6, C7, & C8					

Date .....

Signature .....

- (a) Give dates [where Friday is a holiday under the Negotiable Instruments Act, 1881 (26 of 1881), the preceding working day]

\*‘Notified bank’ means any banking institution notified by the Central Government under clause (c) of the Explanation to sub-section (1) of Section 42 of the Reserve Bank of India Act, 1934 (2 of 1934)

\*\*‘Notified bank’ means any other bank which may be notified by the Central Government under section 24 of the Banking Companies Act, 1949.

†For non-scheduled banks only.

††For scheduled bank only.

[No. F.16(1)-BC/63.]

R. K. SESHADRI, Dy. Secy.

(Department of Revenue)

MEDICINAL AND TOILET PREPARATIONS

New Delhi, the 22nd June 1963

G.S.R. 1043.—In pursuance of sub-rule (3) of rule 60 of the Medicinal and Toilet Preparations (Excise Duties) Rules, 1956 the Central Government hereby declares



that the new medicinal preparation 'BAMBINIC' manufactured by Messrs Ayurvedashram Pharmacy Limited, Ahmednagar shall be included in the category of unrestricted preparations.

[No. 12.]

B. B. GHOSH, Under Secy.

(Department of Revenue)

CUSTOMS

New Delhi, the 22nd June 1963

**G.S.R. 1044.**—In exercise of the powers conferred by sub-section (1) of section 11 of the Customs Act, 1962 (52 of 1962), the Central Government being satisfied that, for the maintenance of standards for the classification, grading or marketing of goods in international trade, it is necessary so to do, hereby prohibits with effect from the 15th day of July, 1963, the export of oil of vetiver (khus) or north Indian oil of vetiver and oil of vetiver roots (cultivated) also known as south Indian oil of vetiver produced in India, unless the same have been graded in accordance with the provisions of the Essential Oils Grading and Marking Rules, 1954, as amended from time to time and is accompanied by a certificate of grading from the Agricultural Marketing Adviser to the Government of India or any person specially empowered by him in this behalf:

Provided that nothing in this notification shall apply to any parcel sent by post containing ungraded commercial sample of oil of vetiver or oil of vetiver-root not exceeding 50 Gms. in weight (gross).

[No. 157.]

**G.S.R. 1045.**—In exercise of the powers conferred by section 25 read with sub-section (3) of section 160 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby rescinds the notification of the Government of India in the Ministry of Finance (Department of Revenue) No. 286-Customs, dated the 19th November, 1958.

[No. 158.]

**G.S.R. 1046.**—In exercise of the powers conferred by sub-section (1) of section 25 read with sub-section (3) of section 160 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby makes the following further amendment in the notification of the Government of India, in the Ministry of Finance (Department of Revenue) No. 82-Customs, dated the 6th August, 1960, namely:—

In the said notification, in condition (1), after clause (d), the following shall be inserted, namely:—

- "(e) The Iron and Steel Controller in the case of firms engaged in the manufacture of iron or steel;
- (f) The Coal Controller or the Deputy Coal Controller (Production), in the case of firms which are classified as falling in the private sector of the coal industry;
- (g) The Chairman or the Deputy General Manager (Technical and Works), Neyveli Lignite Corporation in the case of the Neyveli Lignite Corporation;
- (h) The Chairman or the Deputy General Manager, National Coal Development Corporation in the case of the National Coal Development Corporation; and
- (i) The Member, Central Water and Power Commission in the case of irrigation and power projects."

[No. 163.]

**G.S.R. 1047.**—In exercise of the powers conferred by sub-section (1) of section 25 read with sub-section (3) of section 160 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby rescinds the notification of the Government of India in the Ministry of Finance, (Revenue Division) No. 52-Customs dated the 15th October, 1949.

[No. 164/F. No. 5/59/62-Cus. I.]

**G.S.R. 1048.**—In exercise of the powers conferred by sub-section (1) of section 4 of the Customs Act, 1962 (52 of 1962), the Central Government hereby makes the following amendment to the notification of the Government of India in the Ministry of Finance (Department of Revenue) No. G.S.R. 213 dated the 1st February, 1963, namely:—

In the Table below the said notification—

- (1) for the entry in column (1), against item (iii), the following entry shall be substituted, namely:—

“Port of Calcutta, Dum Dum airport, the area under the jurisdiction of Calcutta, Howrah and South Suburban Corporations, so much of the Hooghly river as is downstream of the northern limit of Calcutta port, and all lands as are within six miles of the high water mark at spring tide on either side of the river”;

- (2) in the entry in column (1) against item (v), after the words “Madras Corporation”, the words “and Saidapet taluk” shall be inserted.

[No. 166.]

**G.S.R. 1049.**—In exercise of the powers conferred by sub-section (1) of section 4 of the Customs Act, 1962 (52 of 1962), the Central Government hereby makes the following amendments in the notification of the Government of India in the Ministry of Finance (Department of Revenue) No. 88-Customs, dated the 2nd March 1963, namely:—

In the said notification, clause (a) shall be omitted.

[No. 167.]

**G.S.R. 1050.**—In exercise of the powers conferred by sub-section (1) of section 25 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby exempts plastic contraceptives falling under Item No. 87 of the First Schedule to the Indian Tariff Act, 1934 (32 of 1934), when imported into India from the whole of the duty of customs leviable thereon.

This notification shall cease to be in force on the 1st day of January, 1964.

[No. 168/F.No. 5(i)/35/62-Cus.I.]

S. VENKATESAN, Dy. Secy.

(Department of Revenue)

CUSTOMS

New Delhi, the 15th June 1963

**G.S.R. 1051.**—In exercise of the powers conferred by sub-section (1) of section 75 of the Customs Act, 1962 (52 of 1962), as in force in India, the Central Government hereby makes the following further amendment in the Notification of the Government of India, in the Ministry of Finance (Department of Revenue)

No. G.S.R. 575 (55/F. No. 34/86/60-Cus. IV), dated the 28th May, 1960, namely:—

*Amendment*

In the Schedule to the said notification after the existing item at Serial No. 186 and entries relating thereto, the following shall be added, namely:—

“187. Unfinished Clinical Thermometers”.

[No. 155/F. No. 113/1/63-DBK.]

*New Delhi, the 22nd June 1963*

**G.S.R. 1052.**—In exercise of the powers conferred by sub-section (1) of section 75 of the Customs Act, 1962 (52 of 1962), as in force in India the Central Government hereby makes the following further amendment in the Notification of the Government of India, in the Ministry of Finance (Department of Revenue) No. GSR-575, (55/F. No. 34/86/60-Cus. IV), dated the 28th May, 1960, namely:—

*Amendment*

In the Schedule to the said notification, for the existing item at Serial No. 87 and entries relating thereto the following shall be substituted:

“87. (A) Tea Chests made of 3 plywood, including fittings therefor shipped in C.K.D. condition.

(i) plywood panels for tea chests

(ii) fittings of tea chests made of tin plate

(iii) wire nails, tenter hooks and rivets.

(iv) tissue paper for wrapping battens or lining aluminium foil

(v) aluminium foil

(B) Tea Chests complete (filled).

[No. 160/F. No. 34(1)/16/62-Cus. IV.]

**CUSTOMS AND CENTRAL EXCISE**

*New Delhi, the 15th June 1963*

**G.S.R. 1053.**—In exercise of the powers conferred by sub-section (2) of section 75 of the Customs Act, 1962 (52 of 1962) and section 37 of the Central Excises and Salt Act, 1944 (1 of 1944), as in force in India, the Central Government hereby makes the following further amendment in the Customs and Central Excise Duties Export Drawback (General) Rules, 1960.

*Amendment*

These rules may be called the Customs and Central Excise Duties Export Drawback (General) Amendment Rules, 1963.

2. In the Second Schedule to the Customs and Central Excise Duties Export Drawback (General) Rules, 1960 after the existing item at Serial No. 146, the following shall be added, namely:—

“147. Unfinished Clinical Thermometers.”

[No. 61/F. No. 113/1/63-DBK.]

*New Delhi, the 22nd June 1963*

**G.S.R. 1054.**—In exercise of the powers conferred by sub-section (2) of section 75 of the Customs Act, 1962 (52 of 1962) and section 37 of the Central Excises and Salt Act, 1944 (1 of 1944), as in force in India, the Central Government hereby makes the following further amendment in the Customs and Central Excise Duties Export Drawback (General) Rules, 1960.

*Amendment*

These rules may be called the Customs and Central Excise Duties Export Drawback (General) Amendment Rules, 1963.



2. In the First Schedule to the Customs and Central Excise Duties Export Drawback (General) Rules, 1960 for the existing item at Serial No. 38 and entries relating thereto, the following shall be substituted, namely:—

“38. Oiled Coir Ropes Size:

- |   |   |
|---|---|
| (i) $\frac{3}{4}$ " to $1\frac{3}{4}$ " | Twelve rupees and one naya paisa per metric ton.        |
| (ii) 2" to $2\frac{3}{4}$ "             | Eight rupees and twenty-five naye paise for metric ton. |
| (iii) 3" to $4\frac{1}{2}$ "            | Six rupees and fifty naye paise per metric ton.         |
| (iv) 5" to 8"                           | Five rupees and forty naye paise per metric ton.        |

The above rates shall take effect from 20th April, 1963.

[No. 63/F. No. 1/30/63-Dbk.]

**G.S.R. 1055.**—In exercise of the powers conferred by sub-section (2) of section 75 of the Customs Act, 1962 (52 of 1962) and section 37 of the Central Excises and Salt Act, 1944 (1 of 1944), as in force in India, the Central Government hereby makes the following further amendment in the Customs and Central Excise Duties Export Drawback (General) Rules, 1960.

#### Amendment

These rules may be called the Customs and Central Excise Duties Export Drawback (General) Amendment Rules, 1963.

2. In the First Schedule to the Customs and Central Excise Duties Export Drawback (General) Rules, 1960 for the existing item at Serial No. 28 and the entries relating thereto, the following shall be substituted, namely:—

- “28. Plastic Sequins, and articles incorporating plastic sequins      Nine rupees and eighty naye paise per Kg. of Plastic Sequins.

The above rate should take effect from 20th April, 1963.”

[No. 67/F. No. 1/37/63-Dbk.]

**G.S.R. 1056.**—In exercise of the powers conferred by sub-section (2) of section 75 of the Customs Act, 1962 (52 of 1962) and section 37 of the Central Excises and Salt Act, 1944 (1 of 1944), as in force in India, the Central Government hereby makes the following further amendment in the Customs and Central Excise Duties Export Drawback (General) Rules, 1960.

#### Amendment

These rules may be called the Customs and Central Excise Duties Export Drawback (General) Amendment Rules, 1963.

2. In the First Schedule to the Customs and Central Excise Duties Export Drawback (General) Rules, 1960 for the existing item at Serial No. 30 and the entries relating thereto, the following shall be substituted, namely:—

“30. (A) Complete Tea Chests (filled), made of plywood panels (3 ply)

- |                                 |  |
|---------------------------------|--|
| (i) tea chests of 19"×19"×24"   | Fifty-six rupees per one hundred sets of six panels each.    |
| (ii) tea chests of 19"×19"×22"  | Fifty-three rupees per one hundred sets of six panels each.  |
| (iii) tea chests of 18"×18"×20" | Forty-six rupees per one hundred sets of six panels each.    |
| (iv) tea chests of 16"×16"×18"  | Thirty-seven rupees per one hundred sets of six panels each. |
| (v) tea chests of 16"×16"×20"   | Forty rupees per one hundred sets of six panels each.        |
| (vi) tea chests of 17"×17"×17"  | Thirty-eight rupees per one hundred sets of six panels each. |

(B) Plywood panels (3 ply) and fittings of tea chests.	
(i) Plywood panels for tea chests of 19"×19"×24" size.	Forty-nine rupees and twenty-seven naye paise per one hundred sets of six pieces each.
(ii) Plywood panels for tea chests of 19"×19"×20"	Forty-six rupees and thirty naye paise per one hundred sets of six pieces each.
(iii) Plywood panels for tea chests of 18"×18"×20"	Forty rupees and forty naye paise per one hundred sets of six pieces each.
(iv) Plywood panels for tea chests of 16"×16"×18"	Thirty-two rupees and fifteen naye paise per one hundred sets of six pieces each.
(v) Plywood panels for tea chests of 16"×16"×20"	Thirty-four rupees and sixty-five naye paise per one hundred sets of six pieces each.
(vi) Plywood panels for tea chests of 17"×17"×17"	Thirty-three rupees and fifty-five naye paise per one hundred sets of six pieces each.
(vii) Plywood panels for tea chests of size not specified in this item.	Thirty rupees per one hundred square metres.
(viii) Metal fittings of tea chests of tinsplate.	Two hundred and seventy-two rupees and thirteen naye paise per metric ton of tinsplate content.
(ix) Wire nails, tenter hooks and rivets.	Eighty-three rupees and thirty-one naye paise per metric ton.
(x) Tissue paper for wrapping battens or for lining aluminium foils.	Thirty-five rupees per quintal.
(xi) Aluminium foil.	Sixty rupees per quintal.

The above rates shall be deemed to take effect from the 15th June, 1962.

[No. 68/F.No. 34(1)/16/62-Cus. IV.]

J. BANERJEE, Dy. Secy.

(Department of Revenue)

CENTRAL EXCISES

New Delhi, the 22nd June 1963

G.S.R. 1057.—In exercise of the powers conferred by section 37 of the Central Excises and Salt Act, 1944 (I of 1944), the Central Government hereby makes the following rules further to amend the Central Excise Rules, 1944, namely:—

1. These rules may be called the Central Excise (Tenth Amendment) Rules, 1963.

2. In the Central Excise Rules, 1944, in Appendix I, in Form A.R.-1 (Central Excise Series No. 57),—

(i) for the existing column 7 and the heading 'value' the following shall be substituted, namely:—

Real Value		Invoice Value		Tariff Value	
Rate	Amount	Rate	Amount	Rate	Amount
	Rs. nP.		Rs. nP.		Rs. nP.
7(a)		7(b)		7(c)	

(ii) the existing Note below the tabular form shall be numbered as Note (i) and after Note (i) as so numbered, the following shall be inserted, namely:—

“(ii) ‘Real value’ is the value referred to in section 4 of the Central Excises and Salt Act, 1944.

(iii) ‘Invoice value’ is the value specified by the manufacturer or producer to the customer. This value should be given in all cases.

(iv) ‘Tariff value’ is the value fixed by the Central Government under section 3 of the Central Excises and Salt Act, 1944. This column should be filled in wherever applicable.”

[No. 96/63.]

**G.S.R. 1058.**—In exercise of the powers conferred by sub-rule (1) of rule 8 of the Central Excise Rules, 1944, the Central Government hereby exempts Iron or Steel products falling under Item No. 26AA of the First Schedule to the Central Excises and Salt Act, 1944 (1 of 1944), and specified in column (2) of the Table below, if made from old and used scrap, or fresh unused re-rollable scrap on which the appropriate amount of duty has already been paid, from so much of the duty of excise leviable on such products as is specified in column (3) of the said Table.

TABLE

Serial No.	Description	Amount
1	2	3
1.	Iron or Steel products manufactured—	Per metric tonne.
	(i) on or after the 1st day of October, 1962 but before the 1st day of June, 1963	Rs. 18.50
	(ii) on or after the 1st day of June, 1963	Rs. 22.00

2. Nothing in this notification shall apply to the products manufactured out of scrap in respect of which exemption from payment of excise duty may be claimed under the notification of the Government of India in the Ministry of Finance (Department of Revenue) No. 89/62-Central Excises, dated the 10th May, 1962.

[No. 97/63.]



**ERRATUM**

*New Delhi, the 22nd June 1963*

**G.S.R. 1059.**—In the notification of the Government of India, Ministry of Finance (Department of Revenue) No. G.S.R. 921, dated the 1st June, 1963, published in the Gazette of India, Part II, Section 3, Sub-section (i), dated the 1st June, 1963 at page 1034, in the fifth line, for “used as fuel, in railway locomotive engines, or”, read “used as fuel in railway locomotive engines or”.

[No. 94/63.]

**ERRATUM**

**G.S.R. 1060.**—In the notification of the Government of India, Ministry of Finance (Department of Revenue), No. G.S.R. 922, dated the 1st June, 1963, published in the Gazette of India, Part II, Section 3, Sub-section (i), dated the 1st June, 1963 at page 1034 in the seventh line, for “used as fuel, in railway locomotive engines, or”, read “used as fuel in railway locomotive engines or”.

[No. 95/63.]

L. M. KAUL, Dy. Secy.

**MINISTRY OF LABOUR AND EMPLOYMENT**

*New Delhi, the 15th June 1963*

**G.S.R. 1061.**—In exercise of the powers conferred by section 3, read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Coal Mines Provident Fund Scheme, published with the notification of the Government of India in the late Ministry of Labour No. PF 15(5)/48 dated the 11th December, 1948, namely:—

1. This scheme may be called the Coal Mines Provident Fund (Fifth Amendment) Scheme, 1963.

2. In the Coal Mines Provident Fund Scheme, hereinafter referred to as the said scheme, in paragraph 62,

(a) after sub-paragraph (4), the following sub-paragraph shall be inserted, namely:—

“(4A) where the nomination is wholly or partly in favour of a minor, the member shall for the purposes of the said Scheme appoint a major member of his family as defined in clause (h) of paragraph 2, to be the guardian of the minor nominee(s) in the event of the member predeceasing the nominee and the guardian as appointed:

Provided that where there is no major person in the family, the member may at his discretion appoint any other person to be a guardian of the minor nominee(s).”

(b) In sub-paragraph (5)(i), after the words, brackets and figure “a nomination made under sub-paragraph (1)”, the following words, brackets and figures shall be inserted, namely:—

“or the appointment of a guardian made under sub-paragraph (4A),”

(ii) after the words “in form ‘M’”, the following words shall be inserted, namely:—

“or in form ‘MM’, as the case may be,”

3. In paragraph 63 of the said Scheme,

(a) for clause (b) of sub-paragraph (1), the following clause shall be substituted, namely:—

"(b) on being rendered permanently and totally incapacitated for work in the coalfields due to bodily or mental infirmity, notwithstanding the date on which he ceases to be employed"

(b) In sub-paragraph (2)(i), the word "if" occurring after the word "Fund" shall be omitted.

(ii) In clause (a), the word "if" shall be inserted at the beginning of the clause.

(iii) for clause (b), the following clause shall be substituted, namely:—

"(b) after expiry of a period of six months from the date of termination of his service, if in the meanwhile he does not inform the Commissioner in writing that he has been reemployed in any coal mine to which the said Scheme or the Scheme published with the notification of the Government of India in the late Ministry of Labour No. SRO 657 dated the 12th March, 1956 or the Scheme published with the notification of the Government of India in the Ministry of Labour and Employment No. SO 32 dated the 11th February, 1958, apply."

(iv) in clause (c) the word "if" shall be inserted at the beginning of the clause.

4. In paragraph 64 of the said Scheme, for the proviso to clause (iii), the following clause shall be substituted namely:—

"Provided that officers appointed by the Central Government as Assistant Commissioners of the Coal Mines Provident Fund under sub-paragraph (3) of paragraph 24 of the said Scheme, where such amount does not exceed rupees seven hundred fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand or the Chairman of the Board where it exceeds rupees one thousand but does not exceed rupees two thousand may, after giving notices to such persons and after making such summary enquiry as he thinks fit, make payment of the amount to the person who appears to him to be legally entitled thereto and such payment shall be a full discharge from all liability in respect of the amount paid; but in such a case the Assistant Commissioner or the Commissioner or the Chairman, as the case may be, may, before making the payment, obtain from the person to whom the payment is made such security as he considers necessary."

5. In paragraph 66 of the said Scheme,

(a) for sub-paragraph (3), the following sub-paragraph shall be substituted, namely:—

"(3) If the person to whom any amount is to be paid under this Scheme is a minor for whose estate a guardian under Guardians and Wards Act, 1890 (8 of 1890) has been appointed, the payment shall be made to such a guardian. Where no such guardian has been appointed, the payment shall be made to the guardian appointed under sub-paragraph (4A) of paragraph 62, if any. Where no guardian has been appointed either under the Guardians and Wards Act, 1890 (8 of 1890) or under sub-paragraph (4A) of paragraph 62 of this Scheme, the payment shall be made to the natural guardian and in the absence of a natural guardian, to such person as the Assistant Commissioner, where the amount does not exceed rupees seven hundred fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand or the Chairman of the Board in any other case, considers to be the proper person representing the minor."

(b) After sub-paragraph (3), the following sub-paragraphs shall be inserted, namely:—

"(3A) If the person to whom any amount is to be paid under this Scheme is a lunatic for whose estate a manager under the Indian Lunacy Act, 1912 (4 of 1912) has been appointed, the payment shall be made to such Manager. If no such manager has been appointed the payment shall be made to the natural guardian of the lunatic and in the absence of

any such natural guardian, to such person as the Assistant Commissioner, where the amount does not exceed rupees seven hundred fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand or the Chairman of the Board in any other case considers to be the proper person representing the lunatic.

(3B) The receipt of the person to whom any payment is made under sub-paragraphs (3) and (3A) shall be sufficient discharge of the liability of the Fund in respect of the amount paid to him."

6. In form A annexed to the said Scheme, after the Table to the Declaration, the following direction and Table shall be inserted, namely:—

"I hereby direct that, in the event of my death during the minority of my above-named nominee(s) the person whose particulars are given below shall be deemed to be the guardian of the minor nominee(s) for the purposes of the Coal Mines Provident Fund Scheme:—

Name and address of the guardian.	Age of the guardian	Relationship of the guardian with the member
_____	_____	_____

7. After form 'M' annexed to the said Scheme the following form shall be inserted, namely:—

#### FORM MM

#### COAL MINES PROVIDENT FUND

I.....hereby [cancel the original appointment of guardian made by me in favour of Shri/Shrimati.....and]\* direct that in the event of my death during the minority of my nominee..... the person whose particulars are given below shall be deemed to be the guardian of my above named nominee for the purposes of the Coal Mines Provident Fund Scheme:—

Name and address of the guardian.	Age of the guardian	Relationship of the guardian with the member
_____	_____	_____

Date.....

Signature/L.T.I. of the member.  
Account No.

Certified that the above declaration has been signed by..... employed in..... before me.

Regd. No.  
of coal mine.

Signature of Manager.

\*Delete when this form is used for appointing a guardian for the first time by an old member.

[No. 2(260)62-PFI/L.]

G.S.R. 1062.—In exercise of the powers conferred by section 3, read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Rajasthan Coal Mines Provident Fund Scheme published with the notification of the Government of India in the Ministry of Labour and Employment No. S.O. 32 dated the 11th February, 1958, namely:—

1. This Scheme may be called the Rajasthan Coal Mines Provident Fund (Fifth Amendment) Scheme, 1963.

2. In the Rajasthan Coal Mines Provident Fund Scheme, hereinafter referred to as the said Scheme;

in paragraph 39,

(a) after sub-paragraph (4), the following sub-paragraph shall be inserted, namely:—

"(4A) where the nomination is wholly or partly in favour of a minor, the member shall for the purposes of the said Scheme appoint a major



member of his family as defined in clause (g) of paragraph 2 to be the guardian of the minor nominee(s) in the event of the member predeceasing the nominee and the guardian as appointed:

Provided that where there is no major person in the family, the member may at his discretion appoint any other person to be the guardian of the minor nominee(s)."

(b) In sub-paragraph (5)(i), after the words, brackets and figure "A nomination made under sub-paragraph (1)", the following words, brackets and figures shall be inserted, namely:—

"or the appointment of a guardian under sub-paragraph (4A)",

(ii) after the words "in form 'M'", the following words shall be inserted, namely:—

"or in form 'MM', as the case may be,"

3. In paragraph 40 of the said Scheme,

(a) for clause (b) of sub-paragraph (1) the following clause shall be substituted, namely:—

"(b) on being rendered permanently\* and totally incapacitated for work in the coalfields due to bodily or mental infirmity, notwithstanding the date on which he ceases to be employed"

(b) In sub-paragraph (2)(i), the word "if" occurring after the word "Fund" shall be omitted.

(ii) In clause (a), the word "if" shall be inserted at the beginning of the clause.

(iii) for clause (b); the following clause shall be substituted, namely:—

"(b) after expiry of a period of six months from the date of termination of his service, if in the meanwhile he does not inform the Commissioner in writing that he has been re-employed in any coal mine to which the said Scheme or the Schemes published with the notifications of the Government of India in the Ministry of Labour and Employment No. PF 15(5)/48 and SRO 657 dated the 11th December, 1948 and 12th March, 1956 respectively apply".

(iv) in clause (c) the word "if" shall be inserted at the beginning of the clause.

4. In paragraph 41 of the said Scheme, for the proviso to clause (iii), the following proviso shall be substituted, namely:—

“Provided that officers appointed by the Central Government as Assistant Commissioners of the Coal Mines Provident Fund under sub-paragraph (3) of paragraph 24 of the Scheme published with the notification of the Government of India in the late Ministry of Labour No. PF-15(5)/48 dated the 11th December, 1948, where such amount does not exceed rupees seven hundred and fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand or the Chairman of the Board where it exceeds rupees one thousand but does not exceed rupees two thousand may, after giving notices to such persons and after making such summary enquiry as he thinks fit, make payment of the amount to the person who appears to him to be legally entitled thereto and such payment shall be a full discharge from all liability in respect of the amount paid; but in such a case the Assistant Commissioner or the Commissioner or the Chairman, as the case may be, may before making the payment obtain from the person to whom the payment is made such security as he considers necessary.”

5. In paragraph 43 of the said Scheme, (a) for sub-paragraph (3), the following paragraph shall be substituted, namely:—

“(3) If the person to whom any amount is to be paid under this Scheme is a minor for whose estate a guardian under Guardians and Wards Act, 1890 (8 of 1890) has been appointed, the payment shall be made to such guardian. Where no such guardian has been appointed the payment shall be made to the guardian appointed under sub-paragraph (4A) of paragraph 39, if any. Where no guardian has been appointed either under the Guardians and Wards Act, 1890 (8 of 1890) or under sub-paragraph (4A) of paragraph 39 of this Scheme, the payment shall be made to the natural guardian and in the absence of a natural guardian to such person as the Assistant Commissioner where the amount does not exceed rupees seven hundred fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand and the Chairman of the Board in any other case considers to be the proper person representing the minor.”

(b) After sub-paragraph (3), the following sub-paragraphs shall be inserted, namely:—

“(3A) If the person to whom any amount is to be paid under this Scheme is a lunatic for whose estate a manager under the Indian Lunacy Act, 1912 (4 of 1912) has been appointed, the payment shall be made to such manager. If no such manager has been appointed the payment shall be made to the natural guardian of the lunatic and in the absence of any such natural guardian to such person as the Assistant Commissioner, where the amount does not exceed rupees seven hundred fifty or the Commissioner where the amount exceeds rupees seven hundred fifty but does not exceed rupees one thousand or the Chairman of the Board in any other case considers to be the proper person representing the lunatic.

“(3B) The receipt of the person to whom any payment is made under sub-paragraphs (3) or (3A) shall be sufficient discharge of the liability of the Fund in respect of the amount paid to him.”

6. In form A annexed to the said Scheme, after the Table to the Declaration, and the Table the following direction shall be inserted, namely:—

"I hereby direct that, in the event of my death during the minority of my above-named nominee, the person whose particulars are given below shall be deemed to be the guardian of the minor nominee for the purposes of the Rajasthan Coal Mines Provident Fund Scheme:—

Name and address of the guardian	Age of the guardian	Relationship of the guardian with the member
_____	_____	_____

7. After form M annexed to the said Scheme the following form shall be inserted, namely:—

"Form MM"

#### FORM MM

#### COAL MINES PROVIDENT FUND

I.....hereby\* [cancel the original appointment of guardian made by me in favour of Sri/Smt.....and] direct that in the event of my death during the minority of my nominee.....the person whose particulars are given below shall be deemed to be the guardian of my above named nominee for the purposes of the Coal Mines Provident Fund Scheme:—

Name and address of the guardian	Age of the guardian	Relationship of the guardian with the member
_____	_____	_____

Date.....

Signature/L.T.I. of the member  
Account No.

Certified that the above declaration has been signed by ..... employed in..... before me.

Regd. No.  
of coal mine.

Signature of Manager.

\*Delete when this form is used for appointing a guardian for the first time by an old member.

[No. 2(260)62-PFI/III]

P. D. GAJHA, Under Secy.



## MINISTRY OF LABOUR &amp; EMPLOYMENT

New Delhi, the 6th June, 1963

**G.S.R. 1063.**—In exercise of the powers conferred by section 3 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Coal Mines Provident Fund Scheme, published with the notification of the Government of India in the late Ministry of Labour No. PF. 15(5)/48, dated the 11th December, 1948, namely:—

1. This Scheme may be called the Coal Mines Provident Fund (Fourth Amendment) Scheme, 1963.

2. In the Coal Mines Provident Fund Scheme, hereinafter referred to as the said Scheme, after paragraph 27, the following paragraph shall be inserted, namely:—

“27A. Voluntary contribution by members—

(1) A member may, if he so desires, contribute in excess of the compulsory contribution prescribed in Table V under sub-paragraph (1) of paragraph 27, at a rate not exceeding 8 per cent of total emoluments rounded off to the nearest rupee.

(2) A member desirous of making voluntary contribution under sub-paragraph (1) shall apply to the Commissioner in such form and manner as may be prescribed by him.

(3) The rate of voluntary contribution may be varied by a member at his own discretion within the maximum prescribed in subparagraph (1) not more than once in a currency year:

Provided that an intimation of the variation in the rate of voluntary contribution shall be sent by the member to the Commissioner in such form and manner as may be prescribed him.

(4) The voluntary contribution applied for under sub-paragraph (2) or the variation thereof under sub-paragraph (3), as the case may be, shall take effect from the beginning of a prospective wage period as may be directed in each case by the Commissioner.

(5) The employer shall not be required to add any matching contribution on the voluntary contribution prescribed in sub-paragraph (1) by members in excess of their compulsory contribution prescribed in Table V under sub-paragraph (1) of paragraph 27.”

3. In paragraph 33A of the said Scheme, for sub-paragraph (4), the following sub-paragraph shall be substituted, namely:—

“(4) For all payments made by an employer under sub-paragraph (3) upto and for the month of May 1963 a monthly abstract in Form ‘P’ annexed hereto and in Form ‘P’ (revised) annexed hereto in respect of all payments made thereafter shall be sent by an employer in duplicate separately in respect of each colliery to the Commissioner by registered post or by a messenger on or before the 15th day of each month following the month to which such payments relate together with the appropriate cheques, drafts, receipted pay-in-slips or original receipted challans in token of the employer having made such payments.”

4. In paragraph 33B of the said Scheme,

(1) in clause (iv) of the Table under sub-paragraph (1), after the words “Provident Fund Contribution”, the following words, figures and brackets shall be inserted, namely:—

“not including the voluntary contribution by members in excess of their compulsory contributions prescribed in Table V under sub-paragraph (1) of paragraph 27”.

(2) in sub-paragraph (2), for the word, figure and brackets “clause (ii)”, the following word, figure and brackets shall be substituted, namely:—

“Clause (iv)”.

5. In paragraph 37 of the said Scheme, after clause (b), the following proviso shall be inserted, namely:—

“Provided that in the case of a member permitted by the Commissioner in terms of paragraph 27A to contribute voluntarily in excess of his compulsory contribution, the contribution card shall be opened in Form D(V) or E(V) annexed hereto as the case may be, with effect from the wage period from which the member is permitted to make voluntary contribution”.

6. In paragraph 37A of the said Scheme,

(1) after the letters, words and brackets “D (Revised) or E (Revised)” the following words, letters and brackets shall be inserted, namely:—

“or D(V) or E(V)”.

(2) after the existing proviso, the following further proviso shall be inserted, namely:—

“Provided further that in the case of a member permitted to make voluntary contribution under paragraph 27A the member's contribution and his employer's contribution shall be recorded separately by the employer in the member's contribution card in Form D(V) or E(V), as the case may be”.

7. In the proviso to paragraph 41 of the said Scheme, after the word and figures “April, 1953”, the following words, letters and brackets shall be inserted, namely:—

“and in Form D(V) or E(V) annexed hereto in the case of members permitted to make voluntary contribution under paragraph 27A”.

8. The existing paragraph 42 of the said Scheme shall be numbered as sub-paragraph (1) thereof and the following sub-paragraph (2) shall be inserted after sub-paragraph (1) so numbered, namely:—

“(2) Contribution cards in Form D(V) and E(V) in respect of members having voluntary contribution under paragraph 27A shall be submitted with a separate statement in duplicate in Form I(V) annexed hereto within six weeks from the date of expiration of the period of currency of those contribution cards. In the case of a member who starts making voluntary contribution some time after the beginning of a currency period, his contribution card in Form D (Revised) or E (Revised) relating to that part of the currency period in which the member had no voluntary contribution and his contribution card in Form D(V) or E(V) for that part of the currency period in which the member made voluntary contribution shall be linked together by carrying forward the contribution recorded in Form D (Revised) or E (Revised) to the contribution card in Form D(V) or E(V). Such linked up contribution cards shall be regarded as contribution cards in Form D(V) or E(V) as the case may be, for submission to the Commissioner”.

9. In paragraph 45 of the said Scheme,

(1) In the second proviso,—

(i) after the words, letters and brackets “Open for him a new contribution card in Form D (Revised) or E (Revised) as the case may be and” the following words, letters, figures and brackets shall be inserted, namely:—

“In the case of a member who declares in Form Q that he was making voluntary contribution at the colliery where previously employed, under paragraph 27A, in Form D(V) or E(V) as the case may be. The employer shall then”.

(ii) for the words “the total of the member's and the employer's contributions” occurring after the words “or total emoluments, as the case may be and” the following words shall be substituted, namely:—

“the member's contribution and employer's contribution either separately or jointly, as the case may be”.

(2) In the third proviso, after the words "Provided also that where such person makes a false declaration in Form Q suppressing the fact of his previous membership of the Fund", the following words shall be inserted, namely:—

"or his voluntary contribution".

10. After Form D (Revised) of the said Scheme, the following Form shall be inserted, namely:—

"Form D(V)".

11. After Form E (Revised) of the said Scheme, the following Form shall be inserted, namely:—

"Form E(V)".

12. After Form I (Revised)—Outer, of the said Scheme, the following Form shall be inserted, namely:—

"Form I(V) Outer".

13. After Form I (Revised)—Inner, of the said Scheme, the following Form shall be inserted, namely:—

"Form I(V)—Inner".

14. After Form P of the said Scheme, the following Form shall be inserted, namely:—

"Form P (Revised)".

15. In Form Q of the said Scheme,

(1) after the words "and that am/am not\* a member of the Coal Mines Provident Fund", the following words shall be added, namely:—

"@ In the aforesaid coal mine I was making voluntary contribution at the rate of ..... per cent".

(2) after the foot-note, the following foot-note shall be added, namely:—

"@ Delete if the member was not a voluntary contributor".



**COAL MINES PROVIDENT FUND**  
**'FORM D (V)'**

Contribution card for employees other than monthly rated employees for the period from.....to.....

**SUMMARY OF CONTRIBUTION**

Period	Contributions		Under Charge		Over Charge	
	Rs.	n.P.	Rs.	n.P.	Rs.	n.P.
From	To	Rs.	n.P.	Rs.	n.P.	Rs.
1st week	13th week					
14th week	26th week					
27th week	39th week					
40th week	52nd/ 53rd week					

**RATE OF VOLUNTARY CONTRIBUTION**

	Rs.	n.P.	Rs.	n.P.
Compulsory contribution brought forward from form 'D (revised)				
Contributions in this card				
Add on account of under charge				
Deduct on account of over charge				
Net amount of contribution*				

\* To agree with the amount shown in Statement 'I (V) for credit to the Member's Fund Account.

Signature of Employer's clerk

Checked and found correct.

Signature of clerk in C.M.P. Office.

1. Account No. ....
2. Name (in block capitals).....
3. Father's/husband's name .....
4. Signature or left thumb impression of the member .....
5. Signature of person preparing card .....
6. Signature of Manager of coal mine .....
7. Registered No. of coal mine .....
8. Name and address of coal mine .....

Week	Total emoluments earned	Contributions		Under Charge Over Charge (+) (-)		Week	Total emoluments earned	Contribution		Under Charge Over Charge (+) (-)	
		Member's share	Employer's share	Member's share	Employer's share			Member's share	Employer's share	Member's share	Employer's share
	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.
1st						14th					
2nd						15th					
3rd						16th					
4th						17th					
5th						18th					
6th						19th					
7th						20th					
8th						21st					
9th						22nd					
10th						23rd					
11th						24th					
12th						25th					
13th						26th					
Total						Total					

Week	Total emoluments earned	Contributions		Under Charge (+) Over Charge (-)		Week	Total emoluments earned	Contributions		Under Charge (+) Over Charge (-)	
		Member's share	Employer's share	Member's share	Employer's share			Member's share	Employer's share	Member's share	Employer's share
	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.		Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.
27th						40th					
28th						41st					
29th						42nd					
30th						43rd					
31st						44th					
32nd						45th					
33rd						46th					
34th						47th					
35th						48th					
36th						49th					
37th						50th					
38th						51st					
39th						52nd					
						53rd					
Total						Total					



FORM 'E'V  
COAL MINES PROVIDENT FUND

Contribution card for monthly rates employees for the period from ..... to .....

1. Account No.....
2. Name (in Block Capitals).....
3. Father's/husband's name .....
4. Signature or left thumb impression of member .....
5. Signature of person preparing the card .....
6. Signature of Manager of coal mine....
7. Registered No. of Coal Mine .....
8. Name and address of coal mine.....

Month	Total emoluments earned	Contributions.		Under charges (+) Over charges (-)	
		Member's contribution.	Employer's contribution.	Member's contribution.	Employer's contribution.
1st . . . . .		Rs. n.P.	Rs. n.P.	Rs. n.P.	Rs. n.P.
2nd . . . . .					
3rd . . . . .					
4th . . . . .					
5th . . . . .					
6th . . . . .					
TOTAL C.O. . .					

FORM 'I(V)'  
OUTER

COAL MINES PROVIDENT FUND

Return of contribution cards for voluntary contributors sent to the Commissioner on completion of contribution.

Year.....19 To.....19

(To be sent in Duplicate)

Name and address of coal mine.....

Registered No. of coal mine.....

Sl. No.	Account No.	Name of member (in block capitals)	Father's or husband's name (in the case of married women)	Member's contribution	Employer's contribution	Remarks	Space for use in commissioner's Office
				Rs. nP.	Rs. nP.		

Month	Total emoluments earned		Contributions				Under charges (+) Over charges (-)			
			Member's contribution		Employer's contribution		Member's contribution		Employer's contribution	
	Rs.	nP.	Rs.	nP.	Rs.	nP.	Rs.	nP.	Rs.	nP.
Brought forward . . . .										
7th . . . . .										
8th . . . . .										
9th . . . . .										
10th . . . . .										
11th . . . . .										
12th . . . . .										
TOTAL . . . . .										

Rate of voluntary contribution ————— per cent.

	Member's contribution	Employer's contribution
	Rs. nP.	Rs. nP.
Compulsory contribution brought forward from 'E (Revised)'		
Contributions in this card . . . . .		
Add—on account of under charge . . . . .		
Deduct—on account of over charge . . . . .		
Net amount of contribution* . . . . .		

\*To agree with the amount shown in the Statement 'I' for credit to Member's Fund Account.

Signature of employer's clerk.

Checked and found Correct.

Signature of Clerk in C.M.P.F. Office.

## FORM I(V)

## INNER

Sl. No.	Account No.	Name of member (in block capitals)	Father's or Husband's name (in the case of married women)	Member's contribution Rs. nP.	Employer's contribution Rs. nP.	Remarks	Space for use in Commissioner's Office

Sl. No.	Account No.	Name of member (in block capitals)	Father's or husband's name (in the case of married women)	Member's contribution Rs. nP.	Employer's contributions Rs. nP.	Remarks	Space for use in Commissioner's office

Total amount of contribution

Total number of cards for voluntary contributions sent

Total compulsory contribution brought forward from form 'I' (Revised).

Total contributions as per this form I(V) . . . . . Rs.

Rs.

Total contributions . . . . . Rs.



*Details of Payment\**

Nos. and dates of challans/cheques/Bank drafts/pay-in-slips	Amount		Name of Treasury/ Bank in which deposited
	Rs.	nP.	

Dated.....19 .

Signature of Manager of Coal Mine.

\*Details of payments are to be shown only in form I(V) outer and not in form 'I (Revised) outer.

## FORM 'P' (Revised)

## COAL MINES PROVIDENT FUND.

19 . Monthly abstract of deposits towards the Coal Mines Provident Fund for the month of—

(To be submitted to the Coal Mines Provident Fund Commissioner in duplicate by the 15th of each month by Registered Post or through a messenger along with the original chalan/Bank receipt cheque/draft).

1. Total emoluments earned by members of Coal Mines Provident Fund: Rs. . . . .

Compulsory contri- butions (both shares)	Voluntary contri- butions by members
---	--

Rs. nP.	Rs. nP.
---------	---------

2. Contributions for the month . . . . .

Add on account of under charges :

Compulsory contri- bution		Voluntary contri- bution		Total under charges
Rs. nP.		Rs. nP.		
(i)	(i)			
(ii)	(ii)			
(iii)	(iii)			
				TOTAL

3. Deduct on account of over charges—

Compulsory contri- butions		Voluntary contri- bution		Total over charges
Rs. nP.		Rs. nP.		
(i)		(i)		
(ii)		(ii)		Net contribution
(iii)		(iii)		

Administrative charges (2.4% on a net compulsory contribution)

Total amount of contribution and administrative charges : Rs. \_\_\_\_\_

\*(i) Deposited Rs. .... under Treasury Challan No. .... dated .....  
in ..... Treasury (Original Chalan attached).

\*(ii) Deposited Rs. .... in the State Bank of India, Dhanbad on ..... for credit to  
Coal Mines Provident Fund Account No. I (Receipted 'Pay in slip' attached).

\*(iii) Remitted Rs.....vide crossed Account Payee Cheque/Crossed Account Payee Draft No.....dated.....on the State Bank of India, Dhanbad, in favour of Coal Mines Provident Fund Account No. I (cheque or draft attached).

Manager/Agent.

Dated.....19 ..

Colliery, C.M.P.F. Regd.  
No.....

Zone ..

aDelete portions not applicable.

(For use of the Coal Mines Provident Fund Inspector only.)

Received from Coal Mines Provident Fund Commissioner on date.....

Checked with the records of the Colliery on (date).....Discrepancies detected have been included in my Inspection report No.....dated..... Under charges detected have been noted in the corrected contribution cards.

Inspector

Dated.....19 ..

Coal Mines Provident Fund.

[No. 2(311)/63-PF.I.]

**G.S.R. 1064.**—In exercise of the powers conferred by section 3 read with section 7 of the Coal Mines Provident Fund and Bonus Scheme Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Andhra Pradesh Coal Mines Provident Fund Scheme, published with the notification of the Government of India in the late Ministry of Labour No. S.R.O. 657 dated the 12th March, 1956, namely:—

1. This Scheme may be called the Andhra Pradesh Coal Mines Provident Fund (Fifth Amendment) Scheme, 1963.

2. In the Andhra Pradesh Coal Mines Provident Fund Scheme, hereinafter referred to as the said Scheme after paragraph 8, the following paragraph shall be inserted, namely:—

“8A. Voluntary contribution by members—

(1) A member may if he so desires, contribute in excess of the compulsory contribution prescribed in Table IV under sub-paragraph (1) of paragraph 8 at a rate not exceeding 8 per cent of total emoluments rounded off to the nearest rupee.

(2) A member desirous of making voluntary contribution under sub-paragraph (1) shall apply to the Commissioner in such form and manner as may be prescribed by him.

(3) The rate of voluntary contribution may be varied by a member at his own discretion within the maximum prescribed in sub-paragraph (1) not more than once in a currency year.

Provided that an intimation of the variation in the rate of voluntary contribution shall be sent by the member to the Commissioner in such form and manner as may be prescribed by him.

(4) The voluntary contribution applied for under sub-paragraph (2) or the variation thereof under sub-paragraph (3), as the case may be, shall take effect from the beginning of a prospective wage period as may be directed in each case by the Commissioner.

(5) The employer shall not be required to add any matching contribution on the voluntary contribution prescribed in sub-paragraph (1) by members in excess of their compulsory contributions prescribed in Table IV under sub-paragraph (1) of paragraph 8.

3. In paragraph 13 of the said Scheme, (1) in sub-paragraph (2) after the words and figures “together with an amount equivalent to two and point four



(2-4) per centum of the total amount of contributions" the following brackets, words and figures shall be inserted, namely:—

"(not including therein the voluntary contribution by members in excess of their compulsory contribution prescribed in Table IV under sub-paragraph (i) or paragraph 8)"

(2) For sub-paragraph (4), the following sub-paragraph shall be substituted, namely:—

"(4) For all payments made by an employer under sub-paragraph (3) upto and for the month of May, 1963 a monthly abstract in Form 'P' annexed hereto and in Form 'P' (Revised), annexed hereto in respect of all payments made thereafter shall be sent by an employer in duplicate separately in respect of each colliery to the Commissioner by registered post or by a messenger on or before the 15th day of each month following the month to which such payment relates together with the appropriate cheques, drafts, receipted pay-in-slip or original receipted challan in token of the employer having made such payment."

4. In paragraph 15 of the said Scheme, after the existing proviso, the following further proviso shall be inserted, namely:—

"Provided further that in the case of a member permitted by the Commissioner in terms of paragraph 8A to contribute voluntarily in excess of his compulsory contribution, the contribution card shall be opened in Form D(V) or E(V) annexed hereto, as the case may be, with effect from the wage period from which the member is permitted to make voluntary contribution."

5. In paragraph 16 of the said Scheme,

(1) after the letters and words "D (Revised) or E (Revised)", the following words, letters and brackets shall be inserted, namely:—

"or D(V) or E(V)"

(2) after the proviso, the following further proviso shall be inserted, namely:—

"Provided further that in the case a member permitted to make voluntary contribution under paragraph 8A the member's contribution and his employer's contribution shall be recorded separately by the employer in the member's contribution card in Form D(V) or E(V), as the case may be."

6. In paragraph 20 of the said Scheme, after the words "as may be appropriate", the following words, letters and brackets shall be inserted, namely:—

"and in Form D(V) or E(V) annexed hereto as the case may be, in respect of members permitted to make voluntary contribution under paragraph 8A."

7. In paragraph 21 of the said Scheme;

(1) the existing paragraph shall be numbered as sub-paragraph (1) thereof,

(2) in sub-paragraph (1) as so renumbered, after the words "in respect of members employed by him" the following words and figure shall be inserted, namely:—

"other than those who make voluntary contribution under paragraph 8A."

(3) after sub-paragraph (1) as so renumbered the following sub-paragraph shall be inserted, namely:—

"(2) Contribution cards in Forms D(V) and E(V) in respect of members having voluntary contribution under paragraph 8A shall be submitted with a separate statement in duplicate in Form I(V) within six weeks from the date of expiration of the period of currency of those contribution cards. In the case of a member who starts making voluntary contribution some time after the beginning of a currency period, his contribution card in Form D(Revised) or E(Revised) relating to that part of the currency period in which the member had no voluntary contribution and his contribution card in Form D(V) or E(V) for that part of the currency period in which the member made voluntary contribution shall be linked together by carrying forward the contri-

bution recorded in Form D (Revised) or E (Revised) to the contribution card in Form D(V) or E(V). Such linked up contribution cards shall be regarded as contribution cards in Form D(V) or E(V) as the case may be, for submission to the Commissioner."

8. In paragraph 23 of the said Scheme,

(1) In sub-paragraph (2), (a) after the words and brackets "contribution card in Form D(Revised) or E(Revised) as the case may be" the following words, figures and brackets shall be inserted, namely:—

"and in the case of a member who declares in Form Q that he was making voluntary contribution at the colliery where previously employed, under paragraph 8A. in Form D(V) or E(V) as the case may be. The employer shall then."

(b) For the words "the total of the member's and employer's contributions" occurring after the words "or total emoluments, as the case may be and" the following words shall be substituted, namely:—

"the member's contribution and employer's contribution either separately or jointly, as the case may be."

(2) In sub-paragraph (3) after the words "Where such person makes a false declaration in Form Q suppressing the fact of his previous membership of the Fund" the following words shall be inserted, namely:—

"or his voluntary contribution".

9. After Form D(Revised) of the said Scheme, the following Form shall be inserted, namely:—

"Form D(V)"

10. After Form E(Revised) of the said Scheme, the following Form shall be inserted, namely:—

"Form E(V)"

11. After Form I (Revised)—Inner of the said Scheme, the following Form be inserted, namely:—

"Form I(V)—Outer."

12. After Form I(Revised) Inner of the said Scheme, the following Form shall be inserted, namely:—

"Form I(V)—Inner."

13. After Form P of the said Scheme, the following Form shall be inserted, namely:—

"Form P(Revised)".

14. In Form Q of the said Scheme,

(1) after the words "and that am/am not\* a member of the Coal Mines Provident Fund" the following words shall be inserted, namely:—

@ "In the aforesaid coal mine I was making voluntary contribution at the rate of ..... per cent."

(2) after the foot-note the following foot-note shall be inserted, namely:—

"Delete if the member was not a voluntary contributor".

## SUMMARY OF CONTRIBUTION

Period	Contributions		Under Over		Charge(+) Charge(-)	
	Member's share	Employer's share	Rs. nP.	Rs. nP.	Member's share	Employer's share
From	To	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.
1st week	13th week					
14th week	26th week					
27th week	39th week					
40th week	52nd/53rd week					

## RATE OF VOLUNTARY CONTRIBUTION

	Per cent	
	Member's share	Employer's share
Compulsory contribution brought forward from form 'D' (revised)	Rs. nP.	Rs. nP.
Contributions in this card		
Add on account of under charge		
Deduct on account of over charge		
Net amount of contribution*		

\*To agree with the amount shown in Statement 'I(v) for credit to the Members' Fund Account.

Signature of Employer's clerk  
Checked and found correct.

Signature of clerk in G.M.P. Office.

FORM 'D' (V)  
COAL MINES PROVIDENT FUND

Contribution card for employees other than monthly rated employees for the period from \_\_\_\_\_ to \_\_\_\_\_

1. Account No. ....
2. Name (in Block capitals) ....
3. Father's/husband's name ....
4. Signature or left thumb impression of the members ....
5. Signature of person preparing card ....
6. Signature of Manager of coal mine ....
7. Registered No. of coal mine ....
8. Name and address of coal mine ....



[illegible]



COAL MINES PROVIDENT FUND

1. Account No.	
2. Name (in Block Capitals)	
3. Father's/husband's name	
4. Signature or left hand thumb impression of member.	
5. Signature of person preparing the card	
6. Signature of Manager of coal mine	
7. Registered No. of coal mine	
8. Name and address of coal mine	

FORM 'I(V)'  
OUTER

\* Return of contribution cards for voluntary contributions sent to the Commissioner on completion of contribution.

Year.....19      To.....19

(TO BE SENT IN DUPLICATE)

Name and address of coal mine-

Registered No. of coal mine

[illegible]





Sl. No.	Account No.	Name of member (in block capitals)	Father's or husband's name (in the case of married women)	Member's contribution Rs. nP.	Employer's contribution Rs. nP.	Remarks	Space for use in Commissioner's office

Total amount of contribution.

Total number of cards for voluntary contributors sent

Total compulsory contribution brought forward from form 'I (Revised)',

Rs. ....

Total contributions as per this form I(V)

Rs. ....

Total contributions

Rs. ....

*\*Details of Payment*

Nos. and dates of chalangues/cheques/Bank drafts/pay-in-slips	Amount		Name of Treasury/Bank in which deposited
	Rs.	nP.	

Dated.....19 ..

Signature of Manager of coal mine.

\* Details of payments are to be shown only in form I(V) outer and not in form 'I (Revised) outer.

## FORM 'F' (Revised)

(To be submitted to the Coal Mines Provident Fund Commissioner in duplicate by the 15th of each month by Registered Post or through a messenger along with the original challan/ Bank receipt/Cheque/Draft).

1. Total emoluments earned by members of Coal Mines Provident Fund:—

		Rs. ....		nP. ....	
		Rs.	nP.	Rs.	nP.
<p>2. Contributions for the month</p>					
<p>3. Add on account of under charges—</p>					
Compulsory contribution		Voluntary contribution		Total under charges  TOTAL	
Rs.	nP.	Rs.	nP.		
(i)		(i)			
(ii)		(ii)			
(iii)		(iii)			
<p>4. Deduct on account of over charges—</p>					
Compulsory contribution		Voluntary contribution		Total over charges  Net contribution	
Rs.	nP.	Rs.	nP.		
(i)		(i)			
(ii)		(ii)			
(iii)		(iii)			

Administrative charges (2.4% on net compulsory contribution).  
Total amount of contribution and administrative charges: Rs. ....  
\* (i) Deposited Rs. .... under Treasury Challan No. .... dated .....  
in ..... Treasury (Original challan attached).  
\* (ii) Deposited Rs. .... in the State Bank of India, Dhanbad on ..... for credit to  
Coal Mines Provident Fund Account No. I. (Receipted 'Pay in slip' attached).  
\* (iii) Remitted Rs. .... vide crossed Account Payee Cheque/Crossed Account Payee  
Draft No. .... dated ..... on the State Bank of India, Dhanbad, in  
favour of Coal Mines Provident Fund Account No. I (cheque or draft attached).  
dated, ..... 19 ..

Manager/Agent,  
..... Colliery,

C.M.P.F. Regd. No. .... Colliery,  
Zone .....

Delete portions not applicable.

(For use of the Coal Mines Provident Fund Inspectors only.)  
Received from Coal Mines Provident Fund Commissioner on (date).....



Checked with the records of the Colliery on (date)..... Discrepancies detected have been included in the inspection report No..... dated..... Under charges detected have been noted in the connected contribution cards.

Dated ..... 19 ..

Inspector,  
Coal Mines Provident Fund.

[No. 2(311)/63-PFI/U.].

**G.S.R. 1065.**—In exercise of the powers conferred by section 3 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Rajasthan Coal Mines Provident Fund Scheme, published in the notification of the Government of India in the Ministry of Labour and Employment No. S.O. 32, dated the 11th February, 1958, namely:—

1. This Scheme may be called the Rajasthan Coal Mines Provident Fund (Fourth Amendment) Scheme, 1963.

2. In the Rajasthan Coal Mines Provident Fund Scheme, hereinafter referred to as the said Scheme after paragraph 8, the following paragraph shall be inserted, namely:—

“8A. Voluntary contribution by members—

(1) A member may, if he so desires, contribute in excess of the compulsory contribution prescribed in Table III under sub-paragraph (1) of paragraph 8, at a rate not exceeding 8 per cent of total emoluments rounded off to the nearest rupee.

(2) A member desirous of making voluntary contribution under sub-paragraph

(1) shall apply to the Commissioner in such form and manner as may be prescribed by him.

(3) The rate of voluntary contribution may be varied by a member at his own discretion within the maximum prescribed in sub-paragraph (1) not more than once in a currency period:

Provided that an intimation of the variation in the rate of voluntary contribution shall be sent by the member to the Commissioner in such form and manner as may be prescribed by him.

(4) The voluntary contribution applied for under sub-paragraph (2) or the variation thereof under sub-paragraph (3), as the case may be, shall take effect from the beginning of a prospective wage period as may be directed in each case by the Commissioner.

(5) The employer shall not be required to add any matching contribution on the voluntary contribution prescribed in sub-paragraph (1) by members in excess of their compulsory contribution prescribed in Table III under sub-paragraph (1) of paragraph 8.”

3. In paragraph 12 of the said Scheme,

(1) in sub-paragraph (2) after the words “the total amount of contributions” the following shall be inserted, namely:—

“not including therein the voluntary contribution by the member in excess of his compulsory contribution prescribed in Table III under sub-paragraph (1) of paragraph 8”.

(2) for sub-paragraph (4), the following sub-paragraph shall be substituted, namely:—

“(4) For all payments made by an employer under sub-paragraph (3) upto and for the month of May, 1963 a monthly abstract in form ‘P’ annexed hereto and in form ‘P (Revised)’ annexed hereto in respect of all payments made thereafter shall be sent by an employer in duplicate separately in respect of each colliery to the Commissioner by registered post on or before the 15th day of each month following the month to which such payment relates together with the appropriate cheques, drafts, receipted pay-in-slips or original receipted challans in token of the employer having made such payments”.

4. In paragraph 14 of the said Scheme, the following proviso shall be added at the end, namely:—

“Provided that in the case of a member permitted by the Commissioner in terms of paragraph 8A to contribute voluntarily in excess of his compulsory contribution the contribution card shall be opened in Form E(V) annexed hereto with effect from the wage period from which the member is permitted to make voluntary contribution”.

5. For paragraph 15 of the said Scheme, the following paragraph shall be substituted, namely:—

“Every employer shall, in respect of every member in a coal mine to which this Scheme applies, other than an excluded employee, on or before the commencement of each period of currency, open a new contribution card in Form E (Revised) or E(V) annexed hereto, as the case may be, and record in the appropriate columns of the contribution cards entries showing the total emoluments earned by such employee in every month and the total amount of member's contribution and employer's contribution payable in respect of each month for such employee who does not make any voluntary contribution under paragraph 8A. In the case of a member permitted to make voluntary contribution under paragraph 8A the member's contribution and his employer's contribution shall be recorded separately by the employer in the member's contribution card in Form E(V)”.

6. In paragraph 19 of the said Scheme, after the words, letter and brackets “in Form E (Revised)”, the following words, letters and brackets shall be inserted, namely:—

“or in Form E(V) in the case of members permitted to make voluntary contribution under paragraph 8A”.

7. Paragraph 20 of the said Scheme shall be numbered as sub-paragraph (1) thereof and the following sub-paragraph (2) shall be inserted after sub-paragraph (1) so numbered, namely:—

“(2) Contribution cards in Form E(V) in respect of members having voluntary contribution under paragraph 8A shall be submitted with a separate statement in duplicate in Form I(V) within six weeks from the date of expiration of the period of currency of those contribution cards. In the case of a member who starts making voluntary contribution some time after the beginning of a currency period, his contribution card in Form E (Revised) relating to that part of the currency period in which the member had no voluntary contribution and his contribution card in Form E(V) for that part of the currency period in which the member made voluntary contribution shall be linked together by carrying forward the contribution recorded in Form E (Revised) to the contribution card in Form E(V). Such linked up contribution cards shall be regarded as contribution cards in Form E(V) for submission to the Commissioner”.

8. In paragraph 22 of the said scheme,

(1) For sub-paragraph (2), the following sub-paragraph shall be substituted, namely:—

“(2) Where any such person makes a declaration in Form ‘Q’ to the effect that he was a member of the Fund, the employer shall open for him a new contribution card in Form ‘E (Revised)’ and in the case of a member who declares in Form ‘Q’ that he was making voluntary contribution under paragraph 8A at the colliery where previously employed, in Form ‘E(V)’. The employer shall then enter therein the total emoluments, the member's contribution and employer's contribution either jointly or separately, as the case may be, to be paid by the new employer during the remaining part of the period of currency during which such person has worked under the new employer. The employer shall at the same time, take steps to verify the truth or otherwise of the statement from his former employer, who shall be bound to furnish the required information”.

(8) In sub-paragraph (3), after the words "where such person makes a false declaration in form Q suppressing the fact of his previous membership of the Fund", the following words shall be inserted, namely:—

"or his voluntary contribution".

9. After Form E (Revised) of the said Scheme, the following Form shall be inserted, namely:—

"Form E(V)"

10. After Form I (Revised) Outer of the said Scheme, the following Form shall be inserted, namely:—

"Form I(V) Outer".

11. After Form I (Revised)—Inner of the said Scheme, the following Form shall be inserted, namely:—

"Form I(V)—Inner."

12. After Form P of the said Scheme, the following Form shall be inserted, namely:—

"Form P(Revised)".

13. In Form Q of the said scheme,

(1) after the words "and that am/am not\* a member of the Coal Mines Provident Fund", the following words shall be inserted, namely:—

"@In the aforesaid coal mine I was making voluntary contribution at the rate of ..... per cent".

(2) after the foot-note, the following foot-note shall be added, namely:—

"@ Delete if the member was not a voluntary contributor".

#### FORM 'E' (V)

#### COAL MINES PROVIDENT FUND

*Contribution card for monthly rates employees for the period from.....to.....*

1. Account No.....
2. Name (in Block Capitals) .....
3. Father's/husband's name .....
4. Signature or left thumb impression of member .....
5. Signature of person preparing the card .....
6. Signature of Manager of coal mine.....
7. Registered No. of coal mine.....
8. Name and address of coal mine .....

Month,	Total emoluments earned.	Contributions				Under charges		(+) (-)	
		Member's contribution		Employers' contribution		Member's contribution		Employers' contribution.	
		Rs.	nP.	Rs.	nP.	Rs.	nP.	Rs.	nP.
1st . . . . .	.								
2nd . . . . .	.								
3rd . . . . .	.								
4th . . . . .	.								
5th . . . . .	.								
6th . . . . .	.								
TOTAL C.O. . . . .	.								

FORM 'I(V)'

OUTER

COAL MINES PROVIDENT FUND

Return of contribution cards for voluntary contributors sent to the Commissioner on completion of contribution Year.....19.... To.....19....

(TO BE SENT IN DUPLICATE)

Name and address of coal mine .....

Registered No. of coal mine .....

Sl. No.	Account No.	Name of member (in block capitals).	Father's or husband's name (in the case of married women).	Member's contribution. Rs. nP.	Employers' contribution Rs. nP.	Remarks	Space for use in Commissioner's office.



Month	Total emoluments earned	Contributions				Under charges Over charges <sup>(+)</sup> <sub>(-)</sub>			
		Member's contribution		Employers' contribution		Member's contribution.		Employer's contribution.	
	Rs. nP.	Rs.	nP.	Rs.	nP.	Rs.	nP.	Rs.	nP.
B.F.									
7th									
8th									
9th									
10th									
11th									
12th									
TOTAL :—									

• Rate of voluntary contribution.....per cent.

	Member's contribution		Employer's contribution.	
	Rs.	nP.	Rs.	nP.
Compulsory contribution brought forward from 'E (Revised)'				
Contributions in this card.				
Add—on account of under charge.				
Deduct—on account of over charge				
Net amount of contribution *				

\* To agree with the amount shown in the Statement 'I' for credit to Member's Fund Account

Checked and found correct.

Signature of employer's clerk

Signature of clerk in C.M.P.F. Office.

## FORM I(V)

## INNER

Sl. No.	Account No.	Name of member (in block Capitals)	Father's or Husband's name (in the case of married women)	Member's contribution Rs. nP.	Employer's contribution Rs. nP.	Remarks	Space for use in Commissioner's office

S. No.	Account No.	Name of member (in block capitals)	Father's or husband's name (in the case of married women)	Member's contribution Rs. nP.	Employer's contribution Rs. nP.	Remarks	Space for use in Commissioner's office

Total amount of contribution.

Total number of cards for voluntary contributors sent .....

Total compulsory contribution brought forward from form 'I (Revised)' .....

Total contributions as per this form I (V) .....

Rs. ....

Total contributions .....

Rs. ....

## DETAILS OF PAYMENT

Nos. and dates of chalans/cheques/Bank drafts/pay-in-slips.	Amount		Name of Treasury/ Bank in which deposited
	Rs.	nP.	

Dated.....19.....

Signature of Manager of coal mine.

\*Details of payments are to be shown only in form I(V) outer and not in form 'I (Revised)' Outer

## FORM 'P' Revised

## COAL MINES PROVIDENT FUND

Monthly abstract of deposits towards the Coal Mines Provident Fund for the month  
of.....19.....

(To be submitted to the Coal Mines Provident Fund Commissioner in duplicate by the 15th of each month by Registered Post or through a messenger along with the original chalan/Bank receipt/cheque/draft)

1. Total emoluments earned by members of Coal Mines Provident Fund Rs. ....

		Compulsory contribution (both shares)		Voluntary contribution by members.																						
		Rs.	nP.	Rs.	nP.																					
4. Contributions for the month																										
3. Add on account of under charges—																										
	<table border="1"> <thead> <tr> <th colspan="2">Compulsory contribution</th> </tr> <tr> <th>Rs.</th> <th>nP.</th> </tr> </thead> <tbody> <tr> <td>(i) .....</td> <td></td> </tr> <tr> <td>(ii) .....</td> <td></td> </tr> <tr> <td>(iii) .....</td> <td></td> </tr> </tbody> </table>	Compulsory contribution		Rs.	nP.	(i) .....		(ii) .....		(iii) .....				<table border="1"> <thead> <tr> <th colspan="2">Voluntary contribution</th> </tr> <tr> <th>Rs.</th> <th>nP.</th> </tr> </thead> <tbody> <tr> <td>(i) .....</td> <td></td> </tr> <tr> <td>(ii) .....</td> <td></td> </tr> <tr> <td>(iii) .....</td> <td></td> </tr> </tbody> </table>	Voluntary contribution		Rs.	nP.	(i) .....		(ii) .....		(iii) .....		Total under charges	
Compulsory contribution																										
Rs.	nP.																									
(i) .....																										
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(iii) .....																										
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Compulsory contribution																										
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(iii) .....																										
Voluntary contribution																										
Rs.	nP.																									
(i) .....																										
(ii) .....																										
(iii) .....																										
Net contribution.																										

5. Administrative charges (2.4% on net compulsory contribution).

6. Total amount of contribution and administrative charges Rs. ....

7. \* (i) Deposited Rs. .... under Treasury Chalan No. .... dated .....  
in ..... Treasury (Original chalan attached).

\* (ii) Deposited Rs..... in the state Bank of India, Dhanbad on.....  
for credit to Coal Mines Provident Fund Account No. I (Receipted 'Pay in slip'  
attached).

\* (iii) Remitted Rs..... *vide* crossed Account Payee Cheque/Crossed Account  
Payee Draft No..... dated..... on the State Bank of India,  
Dhanbad, in favour of Coal Mines Provident Fund Account No. I (cheque or draft  
attached.)

Dated.....19.....

Manager/Agent

\*Delete portions not applicable.

Colliery,  
C.M.P.F. Regd. No.....  
Zone. ....

(For use of the Coal Mines Provident Fund Inspectors only)

Received from Coal Mines Provident Fund Commissioner on (date).....

Checked with the records of the colliery on (date)..... Discrepancies detected have  
been included in my Inspection report No..... dated..... Under charges  
detected have been noted in the connected contribution cards.

Dated.....19.....

Inspector

COAL MINES PROVIDENT FUND

[No. 2(311)/63-PFI/III]

SHAH AZIZ AHMAD, Dy. Secy.

#### ERRATUM

In issue No. 24 of the Gazette of India, Part II—Section 3(i), dated 15th June,  
1963 (Weekly) at pages 1123 to 1128, the G.S.R. Nos. may be read as 1006 to 1019  
in place of 1106 to 1119.



# The Gazette of India



PUBLISHED BY AUTHORITY

No. 26] NEW DELHI, SATURDAY, JUNE 29, 1963/ASADHA 8, 1885

## NOTICE

The undermentioned Gazette of India, Extraordinary was published upto the 15th June 1963:—

Issue No.	No. and Date	Issued by	Subject
98.	G.S.R. 1025, dated 15th June, 1963.	Ministry of External Affairs.	Details of certain sections etc. of the Govt. of Union Territories Act, 1963 to come into force from 1st July, 1963 in Pondicherry, Dadra and Nagar Haveli.

Copies of the Gazette Extraordinary mentioned above will be supplied on indent to the Manager of Publications, Civil Lines, Delhi. Indents should be submitted so as to reach the Manager within ten days of the date of issue of this Gazette.

## PART II—Section 3—Sub-section (1)

General Statutory Rules (including orders, bye-laws etc. of a general character) issued by the Ministries of the Government of India (other than the Ministry of Defence) and by Central Authorities (other than the Administrations of Union Territories).

## MINISTRY OF LAW

(Department of Legal Affairs)

New Delhi, the 20th June 1963

**G.S.R. 1074.**—In exercise of the powers conferred by rule 1 or Order XXVII of the First Schedule to the Code of Civil Procedure, 1908 (5 of 1908), the Central Government hereby makes the following further amendments in the notification of the Government of India, in the Ministry of Law, S.R.O. No. 351, dated the 25th January, 1958 relating to the signing and verification of plaints and written statements in suits in courts of civil jurisdiction by or against the Central Government, namely:—

In the Schedule to the said notification.

- (i) Under the heading "IX-Ministry of Finance", sub-heading "Indian Audit and Accounts Department", for the entries "Deputy Accountants General, Posts

( 1251 )

& Telegraphs", the entries "Director or Deputy Director of Audit and Accounts, Posts and Telegraphs" shall be substituted;

(ii) for the heading "XVI-Ministry of Steel Mines and Fuel", the heading "XVI-Ministry of Mines and Fuel" shall be substituted, and the following entries thereunder shall be omitted, namely:—

"Iron and Steel Controller, Deputy Iron and Steel Controllers, Price and Accounts Officer, Iron and Steel Control Organisation";

(iii) for the heading "XVIII-Ministry of Works, Housing and Supply" the heading "XVIII-Ministry of Works, Housing and Rehabilitation", shall be substituted;

(iv) in the entries under the heading "XVIII-Ministry of Works, Housing and Rehabilitation",

(a) for the sub-heading "Directorate-General, Supplies and Disposals" and the entries thereunder, the following sub-heading and entries thereunder shall be substituted, namely:—

#### CHIEF PAY AND ACCOUNTS OFFICE

Chief Pay and Accounts Officer, Ministry of Works, Housing and Supply.

(b) in the entries under the sub-heading "Department of Rehabilitation", after the entries "Any Regional Settlement Commissioner" the entries "Assistant Settlement Commissioner, Patna, Indore and Lucknow" shall be inserted;

(v) After the heading XVIII the following headings and entries thereunder shall be inserted, namely:—

#### "XIX-Ministry of Economic and Defence Co-ordination -- Department of Supply.

Director General, Supplies and Disposals.

Deputy Directors General, Supplies and/or Disposals.

Directors, Deputy Directors and Assistant Directors of Supplies and/or Disposals, whether posted at Headquarters or in any of the regional offices.

Director of Administration.

Director of Co-ordination and Statistics.

Deputy Director of Administration.

Deputy Director of Co-ordination.

Director, Government Test House.

Deputy Director, Government Test House.

Any Assistant Director (Administration).

Officer on Special Duty (Litigation).

Deputy Director (Litigation).

Assistant Director (Litigation), Calcutta,

XX-Ministry of Steel and Heavy Industries.

#### Department of Iron and Steel

Iron and Steel Controller.

Deputy Iron and Steel Controller.

Price and Accounts Officer, Iron and Steel Control Organisation."

(vi) The existing heading XIX shall be renumbered as XXI.

[No. F. 16(1)/61-Judl.  
R. R. DESAI, Jt. Secy]

**MINISTRY OF EXTERNAL AFFAIRS**

*New Delhi, the 24th June 1963*

**G.S.R. 1075.**—In exercise of the powers conferred by section 18(1) of the Citizenship Act, 1955 (57 of 1955), read with the notification of the Government of India in the Ministry of External Affairs, No. G.S.R. 1557, dated the 24th November, 1962, the Central Government hereby directs that the Citizenship Rules, 1956 (published with the notification of the Ministry of Home Affairs No. S.R.O. 1574, dated the 7th July, 1956, as amended from time to time), shall extend to, and come into force in the Union territory of Pondicherry, subject to the modification that any reference in the said rules to a functionary not in existence in Pondicherry shall be construed as a reference to the corresponding functionary in existence in Pondicherry:

Provided that if any question arises as to who such corresponding functionary is, the decision of the Central Government thereon shall be final.

[No. F. 36(14)Pond.62.]

C. S. AHLUWALIA, Under Secy. (G.P.).

**MINISTRY OF FINANCE**

(Department of Economic Affairs)

**CORRIGENDUM**

*New Delhi, the 29th June 1963*

**G.S.R. 1075-A.**—In the notification of the Government of India in the Ministry of Finance (Department of Economic Affairs) No. G.S.R. 890 dated the 25th May, 1963 published in the Gazette of India Extraordinary, Part II—Section 3—Sub-section (i) dated the 25th May, 1963, at pages 446 to 453,—

at page 449 in line 20, for "the annual" read "his annual" and in line 24, for "provision fund" read "provident fund".

[No. F. 3(6)-NS/63.]

A. G. KRISHNAN,  
Officer on Special Duty.

**(Department of Revenue)**

**MEDICINAL AND TOILET PREPARATIONS**

*New Delhi, the 29th June 1963*

**G.S.R. 1076.**—In pursuance of sub-rule (3) of rule 60 of the Medicinal and Toilet Preparations (Excise Duties) Rules, 1956 the Central Government hereby declares that the new medicinal preparation 'GRIPE MIXTURE' manufactured by Messrs Jayant Chemical Works Private Ltd., Bhavnagar shall be included in the category of unrestricted preparations.

[No. 13.]

**G.S.R. 1077.**—In pursuance of sub-rule (3) of rule 60 of the Medicinal and Toilet Preparations (Excise Duties) Rules, 1956, the Central Government hereby declares the new medicinal preparation specified in Table A as a restricted preparation, and the new medicinal preparation specified in Table B, as unrestricted preparation and further directs that the preparation specified in the said Table A be included in the Schedule.

**TABLE A**

**(Restricted Preparations)**

**MEDICINAL PREPARATIONS**

Elixir Peptenzyme

manufactured by M/s. Pharma Trust, Bombay.

**TABLE B**

**(Un-restricted Preparations)**

**Medicinal Preparations**

Lullamin Drops

manufactured by M/s. Pharma Trust, Bombay.

[No. 14.]

B. B. GHOSH, Under Secy.

**(Department of Revenue)**

**CUSTOMS**

*New Delhi, the 29th June 1963*

**G.S.R. 1078.**—In exercise of the powers conferred by sub-section (1) of section 4 of the Customs Act, 1962 (52 of 1962) the Central Government hereby appoints the Collector of Customs and Central Excise Cochin, to be the Collector of Customs



and the Assistant Collector of Customs, Cochin, to be Assistant Collector of Customs for the Private Warehouse of Messrs Premier Tyers Ltd., at Kalamasserry Alwaye.

[No. 165. F. No. 3/34/63-Cus.VII.]

J. BANERJEE, Dy. Secy.

(Department of Revenue)

CUSTOMS

New Delhi, the 29th June 1963

**G.S.R. 1079.**—In exercise of the powers conferred by sub-section (1) of section 11 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that for the maintenance of the security of India, it is necessary so to do, hereby prohibits absolutely the import into India of any issue of the periodical entitled "Korea News" published by the Korean Central News Agency, Pyongyang, Democratic People's Republic of Korea, or any extract therefrom, or reprint of, or any translation of, or other document reproducing any matter contained in, any issue of the said periodical.

[No. 159/F. No. 3/58/63-Cus. VIII.]

**G.S.R. 1080.**—In exercise of the powers conferred by section 25 read with sub-section (3) of section 160 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby rescinds the notifications of the Government of India in the Ministry of Finance (Department of Revenue) No. 75-Customs, dated the 16th May, 1957 and 76-Customs, dated the 16th May, 1957.

[No. 169/F. No. 5(i)/16/62-Cus.I.]

**G.S.R. 1081.**—In exercise of the powers conferred by sub-section (1) of section 25 read with sub-section (3) of section 160 of the Customs Act, 1962 (52 of 1962), the Central Government, being satisfied that it is necessary in the public interest so to do, hereby rescinds the notification of the Government of India in the Ministry of Finance (Revenue Division) No. 69-Customs, dated the 12th September, 1953.

[No. 170/F. No. 5/65/62-Cus.I.]

S. VENKATESAN, Dy. Secy.

(Department of Revenue)

CENTRAL EXCISES

New Delhi, the 29th June 1963

**G.S.R. 1082.**—In exercise of the powers conferred by section 37 of the Central Excises and Salt Act, 1944 (1 of 1944), the Central Government hereby makes the following rules further to amend the Central Excise Rules, 1944 namely:—

1. These rules may be called the Central Excise (Eleventh Amendment) Rules, 1963.

2. For the second proviso to Rule 145, the following shall be substituted, namely:—

"Provided further that if the said period of three years or such extended period as may have been allowed under the first proviso to this rule expires at any time during which Central Government have imposed quantitative restrictions on the clearance of excisable goods from a warehouse for home consumption, the restrictions on removal of goods laid down in sub-rule (3) of rule 224 shall apply to the clearance of such goods in the same manner and to the same extent as they apply



to all other goods in the warehouse, and any quantity of such goods remaining uncleared at the end of the period of restriction shall be cleared on the day immediately following the date of expiry of such period."

[No. 98/63.]

**G.S.R. 1083.**—In exercise of the powers conferred by section 37 of the Central Excises and Salt Act, 1944 (I of 1944), the Central Government hereby makes the following rules further to amend the Central Excise Rules, 1944, namely—

1. These rules may be called the Central Excise (Twelfth Amendment) Rules, 1963.
2. In the Central Excise Rules, 1944, in rule 191-A—
  - (1) In sub-rule 7, in the second paragraph, the words "The applicant shall not issue for manufacture goods of any variety from such consignment until goods of the same variety previously procured have been already issued for manufacture and entered as such in the accounts" shall be omitted;
  - (2) after sub-rule, (10), the following sub-rule shall be inserted, namely—  
 "10) A. If the goods are not exported, or the proof of export thereof is not furnished to the satisfaction of the Collector of Central Excise, in the manner and within the prescribed time-limit, the Collector may in his discretion disallow the whole or any part of the claim for such rebate."

[No. 99/63-F. No. 40/49/62-CX. II.]

**G.S.R. 1084.**—In exercise of the powers conferred by section 37 of the Central Excises and Salt Act, 1944 (I of 1944), the Central Government hereby makes the following rules further to amend the Central Excise Rules, 1944, namely:—

1. These rules may be called the Central Excise (Thirteenth Amendment) Rules, 1963.
2. In the Central Excise Rules, 1944,—
  - (1) in Chapter V—Manufactured Goods, Other than Salt, for the words "Splints and Veneers" under the sub-heading B. Matches, the words "Composition for Match heads" shall be substituted;
  - (2) in rules 58, 60, 61 and Item (1) of 174 the words "splints, veneers and" wherever they occur, shall be omitted;
  - (3) rule 59 shall be omitted;
  - (4) in rule 82, for the words brackets and figures "pay the price of the banderols in the manner prescribed in sub-rule (2) of rule 65, and shall attach the Treasury receipt to the application for removal", the words and figures "pay the price of the banderols in the manner prescribed in rule 52", shall be substituted;
  - (5) in the Table subjoined to sub-rule (2) of rule 176, for the existing entries against serial number III, the words "A manufacturer of composition for match-heads ..... 100V" shall be substituted;
  - (6) rule 183 shall be omitted.

[No. 101/63.]

**G.S.R. 1085.**—In exercise of the powers conferred by rule 12-A of the Central Excise Rules, 1944, the Central Government hereby makes the following further amendment in the notification of the Government of India in the Ministry of Finance (Department of Revenue) No. 62/58-Central Excises, dated the 21st June, 1958, namely:—

In the said notification, in column 3 of the Table annexed thereto, against Serial No. 1-Sugar, after entry (xiv), the following entries shall be inserted, namely—  
 (xv) Papaya Nectar (Ready-to-serve beverage) containing not less than 15% of sugar by weight. Rs. 4.25 per quintal of such goods.

- (xvi) Guava Nectar (Ready-to-serve beverage) containing not less than 15% of sugar by weight. Rs. 4.25 per quintal of such goods.
- (xvii) Grape Nectar (Ready-to-serve beverage) containing not less than 15% of sugar by weight. Rs. 4.25 per quintal of such goods."

[No. 102/63.]

L. M. KAUL, Dy. Secy.

**RESERVE BANK OF INDIA**

(Central Office)

(Agricultural Credit Department)

Bombay, the 19th June 1963

**G.S.R. 1086.**—The following regulations made by the Central Board of the Reserve Bank of India under sub-section (3) of section 46 of the Agricultural Refinance Corporation Act, 1963 (10 of 1963), are published for general information:—

**THE AGRICULTURAL REFINANCE CORPORATION GENERAL REGULATIONS 1963**

In exercise of the powers conferred by sub-section (3) of section 46 of the Agricultural Refinance Corporation Act, 1963 (10 of 1963), the Reserve Bank of India hereby makes the following Regulations, namely:—

**CHAPTER I***Introductory*

1. **Short title.**—(i) These Regulations may be called the Agricultural Refinance Corporation General Regulations, 1963.

(ii) They shall come into force on a date to be notified by the Reserve Bank of India in this behalf in the Official Gazette.

2. **Definition.**—In these Regulations unless there is anything repugnant, in the subject or context—

(a) "the Act" means the Agricultural Refinance Corporation Act, 1963 (10 of 1963);

(b) "Section" means a section of the Act;

(c) "Corporation" means the Agricultural Refinance Corporation;

(d) Other expressions used and not defined in these Regulations but used in the Act have the meanings respectively assigned to them in the Act.

**CHAPTER II***Shares and Share Register.*

3. **Control over and allotment of shares.**—(i) The Board may make allotments to the applicants for shares either in full, or in part depending on the number of applicants from the class of shareholders concerned. In so far as it is practicable, the Board shall make full allotments in respect of applications for small numbers of shares so that there may be as many shareholders of that class as possible.

(ii) The decision of the Board as to whether on a particular application for shares, there shall be full, partial or no allotment shall be final.

(iii) A committee of the Board consisting of the Chairman, the Managing Director and one Director appointed by the Chairman, shall be constituted for the

purpose of making the first allotment. The Committee so constituted shall exercise all the powers of the Board in making the first allotment of the shares.

4. **Share register.**—In the register of shareholders maintained under section 8, the Corporation shall, in addition to the particulars specified in clauses (i), (ii) and (iii) of sub-section (1) of that section, enter the following particulars:

- (a) the clause of sub-section (2) of section 5 under which the shareholder is qualified to be so registered and the class of shareholders to which the shareholder belongs;
- (b) the manner in which the shareholders acquired the shares, and except in the case of first allotment, the name of the previous holder of the shares and the name of the transferee to whom the shares are transferred.

5. **Shares not to be held jointly.**—A share of the Corporation shall not be held jointly.

6. **Inspection of share register.**—(i) Subject to the provisions of Regulation 7, the share register shall be open to the inspection of any shareholder free of charge at the Head Office of the Corporation during business hours subject to such reasonable restrictions as the Corporation may impose, but so that not less than two hours in each working day may be allowed for inspection;

(ii) If a shareholder applies for a copy of any entry in the share register, it may be furnished on prepayment therefor at the rate of fifty-naye paise for every hundred words or fraction thereof.

7. **Closing of Share Register.**—The Board may, by giving notice by advertisement, close the share register for such periods (not exceeding six weeks in all during any year) as may in its opinion be necessary.

8. **Issue of share certificates.**—(i) Every share certificate shall be issued under the common seal of the Corporation, shall bear a serial number and shall specify the number of shares in respect of which it is issued and their distinguishing numbers.

(ii) The Reserve Bank shall be entitled free of charge to one certificate for all the shares registered in its name at each allotment in pursuance of section 5(2)(a). If any shares are allotted to the Reserve Bank in pursuance of sub-section (4) of section 5 that Bank shall be entitled, free of charge, to one certificate for each share allotted to it.

(iii) Every shareholder other than the Reserve Bank, shall be entitled, free of charge, to one certificate for each five shares registered in its name at each allotment and one additional certificate for the number of shares in excess of a multiple of five shares registered in its name at that allotment. A shareholder holding less than five shares at each allotment shall be entitled, free of charge, to one certificate for all the shares registered in its name at that allotment.

(iv) If a shareholder requires more certificates than the number to which it is entitled, free of charge, under this Regulation, it shall pay to the Corporation for each additional certificate a sum of rupee one.

9. **Renewal of share certificates.**—(i) If—

- (a) a worn or defaced share certificate is tendered for renewal, or
- (b) a share certificate is tendered for subdivision

the Corporation may order the said share certificate to be cancelled and have a new certificate or certificates issued in lieu thereof.

(ii) If a share certificate is alleged to have been lost or destroyed, the Board may, upon

- (a) production of such evidence of the loss or destruction of the share certificate as it may consider satisfactory;
- (b) production of such indemnity with or without security as it may require; and



- (c) payment of all expenses incidental to the advertisement and investigation of evidence of loss or destruction and the preparation of the requisite form of indemnity as aforesaid,

issue a new certificate in lieu thereof.

(iii) For every certificate issued under this Regulation there shall be paid to the Corporation a sum of rupee one.

**10. Transfer of shares.**—(i) Subject to the provisions of the Act and these Regulations, every transfer of a share shall be in writing in the following form:

We.....of.....in consideration of the sum of Rs.....  
(in words) paid to us by.....of.....(hereinafter called "the transferee") do hereby transfer to the transferee the share/shares numbered.....in the Agricultural Refinance Corporation to hold unto the transferee, and their successors or assigns, subject to the conditions laid down by/or under the Act on which we hold the same at the time of the execution hereof, and we, the transferee do hereby agree to take the said shares subject to the conditions laid down by/or under the Act and we, the transferee, request that we be registered in respect of the said shares in the share register of the Corporation.

As witness our hands.....day of.....

Transferor

Name:  
Address:

Witness

Name:  
Address:  
Occupation:

Transferee

Name:  
Address:

Witness

Name:  
Address:  
Occupation:

(ii) The instrument of transfer of shares shall be executed by the transferor and transferee or by persons duly authorised to do so on their behalf and shall be submitted to the Board, and the transferor shall be deemed to remain the holder of such shares until the name of the transferee is entered in the share register.

**11. Recognition of instrument of transfer.**—(i) An application for registration of an instrument of transfer shall be accompanied by a fee of rupees two, which sum shall not in any event be refunded, and by the certificate of the shares to which it relates.

(ii) Upon receipt by the Board of an instrument of transfer with a request to register the transferee as a shareholder the Board shall make such enquiry as it may consider necessary to satisfy itself regarding the qualifications of the transferee to be registered as a shareholder.

**12. Corporation's lien on shares.**—The Corporation shall have a first lien upon all shares registered in the name of a shareholder and upon the proceeds of sale thereof for the debts and other liabilities of the said shareholder, solely or jointly with another person, whether the period for the payment or discharge thereof shall have actually arrived or not. Such lien shall extend to all dividends declared in respect of such shares from time to time.



**13. Shareholder ceasing to be qualified for registration.**—(i) It shall be the duty of a registered shareholder, forthwith upon ceasing to be qualified to be so registered to give intimation thereof to the Board.

(ii) The Board may, at any time, cause such enquiry to be made as it may consider necessary for ascertaining whether any person registered as a shareholder has ceased to be so qualified and upon being satisfied that any such shareholder thereupon not be entitled to the payment of any dividend on any such shares nor to exercise any of the rights of a shareholder otherwise than for the purpose of the sale of such shares, and the Corporation shall make an entry in the share register to that effect.

(iii) If the Board shall ascertain that a person who is not qualified to be a shareholder of the Corporation is registered by inadvertence or otherwise, as a shareholder of the Corporation, it shall inform the shareholder that such shareholder is not entitled to the payment of any dividend on any such shares nor to exercise any of the rights of a shareholder otherwise than for the purpose of the sale of such shares, and shall make an entry in the share register to that effect.

(iv) The decision of the Board under this regulation as to whether an institution is qualified to be a shareholder or not shall be conclusive.

### CHAPTER III

#### *Meetings of Shareholders*

**14. Annual General meeting.**—The annual general meeting of the Corporation shall be held at the place where the Head Office of the Corporation is situated or, if so desired by the Board, at such other place where there is an office of the Corporation. Each annual general meeting shall be held within three months from the date on which the annual accounts of the Corporation are closed or such extended period as may be allowed by the Central Government under the proviso to sub-section (1) of Section 31.

**15. Special General meeting.**—(i) The Chairman shall convene a special general meeting of shareholders if so directed by the Board or if a requisition for such a meeting has been received either from the Reserve Bank or from other shareholders holding in the aggregate not less than 10 per cent of the shares subscribed.

(ii) The requisition referred to in sub-regulation (i) shall state the purpose for which the special general meeting is required to be convened.

(iii) The time, date and place of a general meeting shall be decided by the Board provided that a special general meeting convened on requisition by the Reserve Bank or other shareholders shall be convened not later than forty-five days from the receipt of the requisition.

**16. Notice of convening general meeting.**—(i) A notice convening a general meeting signed by the Managing Director shall be sent to every registered shareholder so as to reach him not less than twenty-one days before the date of the meeting and published at least twenty-one days before the date of the meeting in the Gazette of India and also in such other manner as the Board may direct.

(ii) Every such notice shall state the time, date and place of such meeting and also the business that shall be transacted at the meeting.

**17. Business at General meetings.**—(i) No business other than that specified in sub-section (2) of Section 31 of the Act and the election of the directors under the Act shall be transacted or discussed at the annual general meeting, except with the consent of the Chairman, unless not less than six weeks' notice of the same has been given to the Chairman either by the Reserve Bank or by at least ten other shareholders qualified to vote at a meeting. Such notice shall take the form of a definite resolution to be put to the meeting and shall be included in the notice of the meeting.

(ii) Except with the consent of the Chairman, no business shall be transacted or discussed at any special general meeting other than the business for which the meeting has been specially convened.

**18. Quorum.**—No business shall be transacted at any meeting of the shareholders whether it is the annual general meeting or any special general meeting unless a quorum of at least five shareholders consisting of the Reserve Bank and four other shareholders entitled to vote at such a meeting and all represented

by duly authorised representatives, is present at the commencement of such business, and if within fifteen minutes from the time appointed for the meeting, a quorum is not present, the Chairman may dissolve the meeting or adjourn it to the same day in the following week at the same time and place, and if at such an adjourned meeting a quorum is not present, the shareholders who are present by duly authorised representative, shall form a quorum.

Provided that no annual general meeting shall be adjourned to a date later, than three months after 30th June or the date upto which, time for holding the annual general meeting has been extended by the Central Government under the proviso to sub-section (1) of section 31, and if the adjournment of the meeting to the same day in the following week would have this effect, the annual general meeting shall not be adjourned but the business of the meeting shall be commenced either as soon within one hour from the time appointed for the meeting as a quorum may be present or immediately after the expiry of one hour from that time and those shareholders who are present by duly authorised representatives at such time shall form a quorum.

**19. Chairman of general meetings.**—(i) The Chairman of the Board or in his absence a director (other than the Managing Director) authorised by the Chairman in writing in this behalf shall be the Chairman at all general meetings, and in the default of such authorisation, or in the absence of the director so authorised, the meeting shall elect any other director to be the Chairman of the meeting.

(ii) The Chairman shall regulate the procedure at all general meetings and, in particular, shall have full power to decide the order in which the shareholders should address the meeting, fix a time limit for speeches, apply closure when in his opinion any matter has been sufficiently discussed, and adjourn the meeting.

**20. Persons entitled to attend general meetings.**—All directors of the Board and all shareholders of the Corporation shall be entitled to attend the general meeting:

• Provided that the directors shall have no right to vote.

**21. Voting at general meeting.**—(i) Every matter submitted to a general meeting shall be decided by a majority of votes.

(ii) A declaration by the Chairman of a general meeting that a resolution has been carried or rejected thereat by the show of hands by the duly authorised representatives present of those shareholders who are entitled to vote on the resolution shall be conclusive and an entry to that effect in the books of the proceedings of the Corporation shall be sufficient evidence of that fact without proof of the number or the proportion of the votes recorded in favour of, or against, such resolution, unless immediately on such a declaration a poll be demanded in writing by

- (a) at least four shareholders having the right to vote on the resolution and present by an authorised representative, or
- (b) any shareholder or shareholders present by an authorised representative having not less than one-tenth of the total voting power in respect of the resolution, or
- (c) by the authorised representative of the Reserve Bank of India

provided that a demand for a poll may be withdrawn at any time by the person or persons who made the demand.

(iii) If a poll be duly demanded it shall be taken either at once or at such time and place and either by open voting or by ballot as the Chairman of the meeting may direct and the result of the poll shall be deemed to be the resolution of the meeting at which the poll was demanded.

(iv) The decision of the Chairman of the meeting as to the qualification of any person to vote and also in the case of a poll as to the number of votes any person is competent to exercise shall be final.

**22. Voting rights of shareholders.**—(i) Each shareholder who has been registered as a shareholder for a period of not less than three months prior to the date of a general meeting shall, at such meeting, have one vote for each share held by it.

(ii) Every shareholder entitled to vote as aforesaid, and present by a duly authorised representative shall have one vote on a show of hands and in case of a poll shall have one vote for each share held by it for the whole period of three months prior to the date of such meetings.

**23. Voting by duly authorised representative.**—(i) A shareholder, may by a resolution of its appropriate authority authorise any of its officials or any other person to act as its representative at any general meeting of the Corporation and the person so authorised (referred to as a "duly authorised representative" in these regulations) shall be entitled to exercise on behalf of the shareholder whom he represents, all the powers of a shareholder. The authorisation so given may be in favour of two persons in the alternative and in such a case any one of such persons may act as the duly authorised representative of the shareholder.

(ii) No person may attend or vote at any meeting of the Corporation as a duly authorised representative of a shareholder unless a copy of the resolution appointing him as a duly authorised representative, certified to be a true copy by any member of the appropriate authority which had passed it shall have been deposited at the Head Office of the Corporation not less than four clear days before the date fixed for the meeting.

**24. Appointment of an employee of the Corporation as duly authorised representative invalid.**—No person who is an officer or an employee of the Corporation may be appointed an authorised representative.

**25. Minutes of the meeting.**—(i) The Corporation shall cause minutes of all proceedings of the general meeting to be recorded in books kept for that purpose.

(ii) Any such minute, if purporting to be signed by the Chairman of the meeting at which the proceedings were held, or by the Chairman of the next succeeding meeting, shall be evidence of the proceedings.

(iii) Until the contrary is provided, every general meeting in respect of the proceedings whereof minutes have been so recorded shall be deemed to have been duly called and held, and all proceedings taking place thereat to have duly taken place.

#### CHAPTER IV

##### *Election of Directors*

**26. Issue of Notice of election.**—Where at any general meeting an election of any director is to be held notice of such election shall be included in the notice convening the meeting. In the case of an election of directors, every such notice shall also specify the number of directors to be elected and the particular vacancies in respect of which the election is to be held.

**27. List of shareholders.**—(i) For the purpose of election of directors mentioned in clauses (d), (e) and (f) of Section 10 a separate list shall be prepared for each of the following classes of shareholders, viz.

- (a) Central Land Mortgage Banks,
- (b) State co-operative banks, and
- (c) Life Insurance Corporation of India, scheduled banks, insurance and investment companies and other financial institutions

(ii) Each such list shall contain the names of the shareholders, their registered addresses, the number and distinguishing numbers of shares held by them, with the dates on which the shares are registered and the number of votes to which they will be entitled on the date fixed for election and copies of such lists shall be available for purchase at least three weeks before the date fixed for the election at the price of Rupee one per copy, on application at the Head Office of the Corporation.

**28. Nomination of candidates for directorship.**—(i) No candidate for election as a director on the Board shall be validly nominated, unless

- (a) he is, on the last date for receipt of nominations, not disqualified to be a director under Section 12;
- (b) he is nominated by two shareholders of the class of shareholders by whom the election is to be made;
- (c) the nomination is either in writing signed by a duly constituted attorney of the shareholder, or is made by a resolution of the directors



of the shareholder, and in the latter case a copy of the resolution certified to be a true copy by any member of the appropriate authority which had passed it, is despatched to the Head Office of the Corporation (such copy being deemed to be a nomination); and

(d) the nomination papers contain a declaration signed by the candidate before a Judge, Magistrate, Justice of Peace, Registrar or Sub-Registrar of Assurances or a Manager of an office of the Reserve Bank or an agent of a branch of the State Bank of India or a Government Gazetted Officer, that he accepts the nomination and is willing to stand for election and that he is not disqualified for election, under section 12.

(ii) No nomination shall be valid unless it is received in the Head Office of the Corporation not less than 14 clear days before the date fixed for the election.

**29. Publication of lists of candidates for directorship.**—The Managing Director shall take into consideration the nomination papers within seven days of the last date fixed for receipt of nomination papers. He shall, after such enquiry, if any, as he thinks necessary, satisfy himself in regard to the provisions of Regulation 28 and shall accept or reject the nomination of each candidate and, in the case of rejection, briefly record his reasons for so doing. The decision of the Managing Director that the nomination is valid or invalid shall, subject to the result of any reference under Regulation 31, be final. If there is only one valid nomination for any particular vacancy to be filled by election, the candidate validly nominated for such vacancy shall be deemed to be elected at the meeting convened for the purpose, and his name and address shall be published as so elected. If the number of valid nominations exceeds one the Managing Director shall cause to be published the names and addresses of the candidates validly nominated in the Official Gazette and in at least three newspapers circulating in India.

**30. Assumption of office by elected candidate.**—A director elected to fill an existing vacancy shall be deemed to have assumed office on the date following that on which he is or is deemed to be elected.

**31. Election disputes.**—(i) If any doubt or dispute shall arise as to the qualification or disqualification of a person deemed or declared to be elected, or otherwise as to the validity of the election of a director, any person interested, being a candidate or shareholder entitled to vote at such election, may, within seven days of the date of declaration of the result of such election, give intimation in writing thereof to the Chairman of the Board, and shall, in the said intimation, give particulars of the grounds upon which he doubts or disputes the validity of the election.

(ii) On receipt of intimation, under sub-regulation (i), the Chairman shall forthwith refer such doubt or dispute for the decision of a Committee consisting of himself and any two of the Directors from among the Directors nominated under clauses (b) and (c) of section 10.

(iii) The Committee so appointed shall make such enquiry as it may deem necessary and if it finds that the election was not a valid election, shall set aside such election.

(iv) The decision of the Committee in pursuance of this Regulation shall be binding and conclusive.

**32. Meetings of the Board.**—(i) The Board shall ordinarily meet once a quarter in each year.

(ii) Meetings of the Board shall be convened by the Chairman and shall be ordinarily held at Bombay but if so directed by the Board, may be held at any other place in India.

(iii) Any three directors may for the purpose of the consideration of the business to be specified in their requisition, require the Chairman to convene a meeting of the Board and the Chairman shall, on receipt of such requisition, convene a meeting of the Board giving sufficient notice, provided that the date of the meeting so convened shall not be later than twenty-one days from the date of the receipt of the requisition.

(iv) Ordinarily not less than one clear fortnight's notice shall be given of each meeting of the Board and such notice shall be sent to every director to his



registered address. Should it found necessary to convene an emergency meeting, sufficient notice shall be given to every director who is at that time in India, to enable him to attend.

(v) No business other than that for which the meeting was convened shall be discussed at a meeting of the Board, except with the consent of the Chairman of the meeting and a majority of the directors present, unless one clear week's notice has been given of the same in writing to the Chairman.

(vi) Four directors of whom at least one shall be a director elected under clause (d), (e) or (f) of Section 10, shall form the quorum.

(vii) A copy of the proceedings of each meeting of the Board shall be circulated for the information of the directors as soon as possible after the minutes of that meeting are signed by the Chairman.

**33. Constitution and powers of the Executive Committee.**—(i) There shall be an Executive Committee consisting of the Chairman, the Managing Director, and two directors to be nominated by the Chairman, at least one of whom shall be from among the Directors elected under clause (d), (e) and (f) of section 10.

(ii) Subject to the provisions of these Regulations, and such special or general directions as the Board may give from time to time, the Executive Committee may exercise all the powers of the Board.

**34. Meetings of the Executive Committee.**—(i) The Executive Committee shall meet at the Head Office of the Corporation or at such other place as the Chairman may specify. Sufficient notice shall be given to the members of the Committee to enable them to attend the meeting.

(ii) Two members of the Committee shall form the quorum.

(iii) The provisions of the Act and save as otherwise provided in the Regulations, of these Regulations shall apply to the meetings of the Executive Committee as if they were meetings of the Board.

(iv) A copy of the proceedings of each meeting of the Committee shall be circulated for the information of the members as soon as possible after the minutes of the meeting are signed by the Chairman.

**35. Constitution of other committees.**—(i) The Board may appoint *ad hoc* Committee to assist the Corporation in the efficient discharge of its functions.

(ii) The quorum for a meeting of an *ad hoc* Committee shall be one-third of its strength (any fraction contained in that one-third being rounded off as one) or two members, whichever is higher.

(iii) Every member of an *ad hoc* Committee shall unless he has already made a declaration under Section 41, be required, before entering upon his duties, to sign a declaration of fidelity and secrecy on the lines of the form set out in schedule to the Act.

(iv) Each member of a Committee other than a Director or the Managing Director or an Officer of the Central Government or the Reserve Bank of India, shall receive a fee of Rs. 50 for every meeting of the Committee attended by him.

(v) In addition, each member attending a meeting of a Committee shall be paid travelling and halting allowances on such scale as may be fixed by the Board from time to time.

**36. Fees for Directors.**—A director not being a Managing Director or an officer of the Central Government or of the Reserve Bank of India shall be paid fees by the Corporation as follows:

(a) For attending meetings of the Board	Rs. 100 for each meeting.
(b) For attending meetings of the Executive Committee.	Rs. 50 do.
(c) For attending to any other work of the Corporation.	Such sum as the Board may fix from time to time having regard to the nature and amount of work involved.

**37. Payment of Travelling and Halting allowances to Directors.**—(i) In addition to the fees to which a Director may be entitled under Regulation 36 every

such Director travelling in connexion with the work of the Corporation shall be paid travelling and halting allowances on such scale as may be fixed by the Board from time to time.

(ii) A Managing Director or a Director who is an officer of the Central Government or of the Reserve Bank shall be paid travelling and halting allowances in accordance with his rules of service.

**38. Resolution without meeting valid.**—A resolution in writing, signed by a majority of the Directors on the Board or where the matter concerns the Executive Committee or any other Committee constituted by the Board, by the majority of the members of such Committee, shall be deemed to be the resolution passed by the Board, the Executive Committee or other Committee, as the case may be:

Provided that any resolution passed as aforesaid shall be placed before the next meeting of the Board, Executive or other Committee, as the case may be:

Provided further that if any dissenting director or member in writing requires that any resolution so passed shall be placed before a meeting of the Board, Executive or other Committee as the case may be, the resolution shall not be given effect to unless the resolution is passed at such meeting.

#### CHAPTER V

##### General

**39. Accounts.**—The Board shall cause accounts to be kept of the assets and liabilities and receipts and expenditure of the Corporation.

**40. Annual Statement of Accounts.**—The annual accounts of the Corporation shall be set out in the following manner:

- (i) A balance sheet as at the end of the year in the form specified in Schedule A annexed hereto;
- (ii) A profit and loss account for the year in the form specified in Schedule B annexed hereto.

**41. Dividends.**—(i) Dividends shall be declared and paid as soon as may be after the closing of the annual accounts.

(ii) No interest shall be payable by the Corporation on any dividend.

(iii) Subject to the provisions of section 29, a dividend shall be paid by cheque or warrant drawn on the Corporation's bankers at the place where its Head Office is situate, shall be made payable to the order of the shareholder and shall be sent to the registered office of the shareholder.

**42. Manner and form in which contracts binding on the Corporation may be executed.**—(1) Contracts on behalf of the Corporation may be made as follows:

- (i) Any contract which, if made between private persons, would be by law required to be in writing, signed by the parties to be charged therewith, may be made on behalf of the Corporation in writing signed by any person acting under its authority, express or implied and may in the same manner be varied or discharged.
- (ii) Any contract which, if made between private persons, would by law be valid although made by parol only and not reduced in writing, may be made by parol on behalf of the Corporation by any person acting under its authority, express or implied, and may in the same manner be varied or discharged.

(2) All contracts made according to the provisions of this Regulation shall be effectual in law and shall bind the Corporation and all other parties thereto and their legal representatives.

**43. Accounts, receipts and documents of the Corporation by whom to be signed.**—The Managing Director and such officers of the Corporation as the Board may authorise in this behalf by notification in the Official Gazette are hereby severally empowered for and on behalf of the Corporation to endorse and transfer promissory notes, stock-receipts, stock, debentures, shares, securities and documents of title to goods, standing in the name of or held by the Corporation, of title to goods, standing in the name of or held by the Corporation, and to draw, accept and endorse bills of exchange and other instruments in the current and

authorised business of the Corporation and to sign all other accounts, receipts and documents connected with such business.

**44. Complaints etc. by whom to be signed.**—Complaints, written statements, affidavits and all other documents connected with legal proceedings may be signed and verified on behalf of the Corporation by an officer empowered by or under Regulation 43 to sign documents for and on behalf of the Corporation.

**45. Common seal of the Corporation.**—(i) Subject to the provisions of sub-regulation (ii) the common seal of the Corporation shall be affixed to any instrument only in pursuance of a resolution of the Board and in the presence of at least two Directors who shall sign their names to the instrument in token of their presence, and such signing shall be independent of the signing of any person who may sign the instrument as a witness. Unless so signed as aforesaid, such instrument shall be of no validity.

(ii) The common seal of the Corporation shall be affixed to the share-certificates issued by the Corporation in the presence of the Managing Director and one other Director, who shall affix their respective signatures to the share certificate.

**46. Service of notice to shareholders.**—(i) A notice may be given by the Corporation to a shareholder by sending it by post to his registered address or by advertisement in the official Gazette.

(ii) A notice if served by post shall be deemed to have been served on the third day following that on which it was posted and in proving such service it shall be sufficient to prove that the notice was properly addressed and posted.

(iii) The signature to any notice to be given by the Corporation may be written or printed or be affixed in any other manner.

**47. Service of notice to Corporation.**—A notice may be served on the Corporation by delivering it to the Managing Director or an Officer authorised by the Managing Director in this behalf at, or by sending it by registered post to, the Head Office of the Corporation.



**SCHEDULE 'A'**  
(Regulation 40)  
**(Agricultural Refinance Corporation)**

*Balance Sheet as at 30th June, ———*

Rs. nP.	Rs. nP.	Rs. nP.	Rs. nP.
<i>Liabilities</i>	<i>Assets</i>		
1. CAPITAL : Authorized Shares of Rs. 10,000 each Issued, Subscribed and Paid up Shares of Rs. 10,000 each paid up	1. CASH : (a) In Hand (b) With Reserve Bank of India (c) With others: (i) In India (ii) Outside India		
2. RESERVES AND SURPLUS : Reserve Fund Profit and Loss Account	2. LOANS : (a) By way of refinance (b) Others		
3. SPECIAL DEPOSIT	Less : Provision for Bad and Doubtful Debts		
4. PAYMENT BY CENTRAL GOVERNMENT IN RESPECT OF GUARANTEED DIVIDEND (Section 6 of the Act)	3. DEBENTURES		
5. BONDS AND DEBENTURES	4. INVESTMENT IN CENTRAL GOVERNMENT SECURITIES : (Specifying mode of valuation, face value and market value).		
6. LOANS FROM THE CENTRAL GOVERNMENT (a) Under Section 19 of the Act (b) Other loans	5. INTEREST ACCRUED ON INVESTMENTS		
7. OTHER BORROWINGS (a) From the Reserve Bank of India (b) From Others : (i) In India (ii) Outside India	6. OTHER ASSETS : (Specifying details)		
8. FIXED DEPOSITS (a) From Central or State Governments (b) Others			
9. PROVISION FOR DIVIDENDS			
10. PROVISION FOR TAXATION			
11. OTHER LIABILITIES (Specifying details)			
CONTINGENT LIABILITIES : (a) On account of guarantees given against deferred payments in connection with purchase of capital goods from outside India. (b) Other items (Specifying details).			

SCHEDULE 'B'  
Regulation 40

(Agricultural Refinance Corporation)

Profits and Loss Account for the year ended 30th June,

Rs. nP. Rs. nP.

Rs. nP. Rs. nP.

1. Interest received

(a) On Loans and Debentures

(b) On Investments

2. Discount, Commission etc.

3. Other Items

(Specify details)

TOTAL RUPEES

Sd./- P. C. BHATTACHARYA  
Governor.

[No. ACD. ARC. 56/PR. 323-62/63.]

R. K. SESHADRI, Dy. Secy.

Ministry of Finance (Deptt. of Economic Affairs).

1. Interest paid.
2. Salaries and Allowances
3. Contribution to Staff Provident, Pension and other Funds
4. Directors' and Committee Members' fees
5. Travelling and Other Allowances, in connection with Directors' and Committee Members' meetings.
6. Rent, Rates, Insurance, Lighting etc.
7. Travelling Expenses
8. Printing and Stationery
9. Postage, Telegrams and Telephones.
10. Repairs to property
11. Auditors' Fees
12. Legal Charges
13. Miscellaneous Expenses.
14. Depreciation.
15. Provision for Taxation
16. Net Profit carried to Balance Sheet

TOTAL RUPEES

## (Central Office)

Bombay, the 25th June 1963

**G.S.R. 1086-A.**—In pursuance of sub-regulation (ii) of Regulation 1 of the Agricultural Refinance Corporation General Regulations, 1963, the Reserve Bank of India hereby notifies July 1, 1963, as the date on which the said Regulations shall come into force.

[No. ACD. ARC94/PR. 323-62/63.]

P. C. BHATTACHARYYA,

Governor.

## MINISTRY OF COMMERCE AND INDUSTRY

New Delhi, the 18th June 1963

**G.S.R. 1087.**—In exercise of the powers conferred by clause (e) of sub-section (2) of section 5 of the Khadi and Other Handloom Industries Development (Additional Excise Duty on Cloth) Act, 1953 (12 of 1953), the Central Government hereby makes the following rules:—

Processed cotton cloth which is manufactured—

(a) on a handloom, or

(b) by or on behalf of the same person in one or more factories commonly known as powerlooms (without spinning plants) in which less than five powerlooms in all but no roller locker machines are installed,

shall be exempt from the additional excise duty leviable thereon under the Khadi and Other Handloom Industries Development (Additional Excise Duty on Cloth) Act, 1953, with effect from the 24th April, 1962.

[No. 4(21)Tex(C)/61.]

New Delhi, the 24th June 1963

**G.S.R. 1088.**—In exercise of the powers conferred by section 26 of the Coir Industry Act, 1953 (45 of 1953), the Central Government hereby makes the following rules further to amend the Coir Industry Rules, 1954, the same having been previously published as required by the Sub-section (i) of that section, namely:—

1. These rules may be called the Coir Industry (Amendment) Rules, 1963.
2. In the Coir Industry Rules, 1954 for sub-rule (1) of rule 4, the following sub-rule shall be substituted namely:—

“(1) The Number of persons to be appointed as members from each of the categories specified in sub-section (3) of Section 4 of the Act shall be as follows namely:—

- |   |   |
|---|---|
| (a) growers of coconuts and producers of husks and coir yarn.   | 3 |
| (b) persons engaged in the production of husks coir and coir yarn and in the manufacture of coir products.                    | 3 |
| (c) manufacturers of coir products.   | 3 |
| (d) dealers in coir, coir yarn and coir products including both exporters and internal traders.                               | 3 |
| (e) parliament—two members to be elected by the Lok Sabha and one to be elected by the Rajya Sabha.                           | 3 |
| (f) the Governments of the principal coconut growing States.  | 5 |
| (g) such other persons or class of persons who in the opinion of the Central Government ought to be represented on the Board. | 3 |

[No. F. 2(2)/63-J&amp;C]

A. G. V. SUBRAHMANYAM, Under Secy.



TEA CONTROL

New Delhi, the 19th June 1963

**G.S.R. 1089.**—The following by-laws further to amend the Tea Board Employees (Conduct) By-laws, 1958, made by the Tea Board in exercise of the powers conferred by sub-section (1) of section 50 of the Tea Act, 1953 (29 of 1953), is hereby published for general information, the same having been confirmed by the Central Government as required by sub-section (2) of the said section, namely:—

1. These by-laws may be called the Tea Board Employees (Conduct) Amendment by-laws, 1958.

2. In the Tea Board Employees (Conduct) By-laws, 1958, after by-law 20, the following by-law shall be inserted, namely:—

“20A. *Drinking.*—Subject to the provisions of any law relating to intoxicating drinks or drugs for the time being in force in any area, no employee shall—

(a) while on duty, be under the influence of such drinks or drugs to such an extent as to render him incapable of discharging his duty properly and efficiently; or

(b) appear in a public place in a state of intoxication; or

(c) habitually use such drinks or drugs to excess.”

[No. 8(7)Plant(A)/63.]

B. KRISHNAMURTHY, Under Secy.

(Department of Company Law Administration)

New Delhi, the 22nd June 1963

**G.S.R. 1090.**—In pursuance of clause (d) of sub-section (4) of section 349 of the Companies Act, 1956 (1 of 1956), the Central Government hereby notifies the super profits tax chargeable under section 4 of the Super Profits Tax Act, 1963 (14 of 1963), as being in the nature of a tax on excess or abnormal profits.

2. This notification shall have effect in respect of any financial year or years of a company ending on or after the date of its publication in the Gazette of India.

[No. F.15(13)-CL.VI/63.]

N. PARASURAMAN, Under Secy.

MINISTRY OF RAILWAYS

(Railway Board)

New Delhi, the 18th June 1963

Sub:—Rules for Recruitment to the Railway Engineering Service

**G.S.R. 1091.**—In the Ministry of Railways (Railway Board) Amendment No. E(GR)62RR2-3, dated 27th April 1963, published as G.S.R. No. 707 in Part II, Section 3, Sub-section (i) of the Gazette of India dated 27th April 1963, the following corrections shall be made:—

The first proviso in para (1) under Part I—General shall be substituted by the following:—

“Provided that, subject to the issue of a certificate of eligibility in his favour, a subject of Nepal, or a subject of Bhutan, or a Tibetan refugee who came over to India before the 1st January, 1962, with the intention of permanently settling in India may also be appointed to any service or post”.

[No. E(GR)62RR2-3.]

P. C. MATHEW, Secy.

## MINISTRY OF FOOD & AGRICULTURE

(Department of Agriculture)

New Delhi, the 18th June 1963.

**G.S.R. 1092.**—In exercise of the powers conferred by the proviso to Article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to the posts of Technical Assistants in the Directorate of Economics and Statistics in the Department of Agriculture, Ministry of Food and Agriculture, namely.

1. **Short title.**—These rules may be called the Technical Assistants (Directorate of Economics and Statistics) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply to the post specified in column 1 of the Schedule hereto annexed.

3. **Classification, Scales of pay etc.**—The classification of the said post, the scale of pay attached thereto, the method of recruitment, age limit, and other matters relating to the said post shall be as specified in columns 3 to 13 of the said Schedule.

Provided that the upper age limit specified in column 6 of the said Schedule for direct recruitment may be relaxed in the case of Scheduled Castes and Scheduled Tribes and other special categories of persons in accordance with the general orders of the Central Government issued from time to time.

4. **Disqualification.**—No person who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the said post; and

No woman whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the said post.

Provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.

5. **Relaxation.**—Where the Central Government is of the opinion that it is necessary or expedient so to do, it may, by order, for reasons to be recorded in writing, relax any of the provisions of these rules with respect to any class or category of persons.

SCHE

*Recruitment Rules for the post of Technical Assistant in the Directorate of Economics and Sta-*

Name of post	No. of posts	Classification	Scale of pay	Whether selection post or non-selection post (for promotion posts only)	Age limit for direct recruits	Educational qualifications red.	& other requi-
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1	2	3	4	5	6	7
Technical Assistant	44	Class III (Non-Ministerial non-gazetted)	Rs. 210—10—290—15—320—EB—15—425	Selection	Below 30 years	I. A first or second class Hons. Degree or first or second class Master's Degree in Mathematics or Statistics or Economics or Commerce with Statistics as one of the subjects of study or first or second class M.Sc. (Agri) Degree in Agri. Economics of a recognised University. II. Experience of collection and compilation of Agri. Statistics.



DULE  
istics, Ministry of Food & Agriculture (Department of Agriculture)

Whether age and educational qualification prescribed for the direct recruits will apply in the case of promotees.	Period of probation, if any.	Method of recruitment whether by direct recruitment or by promotion or transfer & percentage of the vacancies to be filled by various methods.	In case of recruitment by promotion/transfer, grades from which promotion to be made.	If a D.P.C. exists what is its composition.	Circumstances in which UPSC is to be consulted in making recruitment.
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8	9	10	11	12	13
No	2 years	80% by direct recruitment and 20% by promotion failing which by transfer.	Promotion : Technical Clerks possessing a Bachelor's degree with Economics/Statistics Mathematics/Commerce or equivalent qualifications, and who have 3 years' service in that grade in the Dte. of E. & S. ; Transfer : Market Intelligence Inspectors in the Dte. of E. & S.	D.P.C. of the Dte. of E. & S.	Not applicable.

[No. F. 9-99/62-C(E).]

N. RANGANATHAN, Under Secy.

(Department of Food)

ORDER

New Delhi, the 1st June, 1963.

**G.S.R. 1093.**—In pursuance of clause 2(b) of the Wheat Roller Flour Mills (Licensing and Control) Order, 1957, and in supersession of the notification of the Government of India in the Ministry of Food and Agriculture (Department of Food), No. S.R.O. 3082, dated the 25th September, 1957, the Central Government hereby appoints the officers specified in column 1 of the Schedule below to exercise the powers and perform the duties of inspectors under the said Order within the area specified against them in column 2 thereof.

SCHEDULE

Name and designation	Area
1	2
1. Shri K.G. Mathur, Regional Director, New Delhi	Northern Region comprising the States of Punjab, Uttar Pradesh, Rajasthan and the Union territories of Delhi and Himachal Pradesh.

1	2
2. Shri R. Dayal, Deputy Director, New Delhi	Northern Region comprising the States of Punjab, Uttar Pradesh, Rajasthan and the Union territories of Delhi and Himachal Pradesh.
3. Shri Raghunath Sahay, Deputy Director, Kanpur	Ditto.
4. Shri G.K. Chugani, Deputy Director, Hapur	Ditto.
5. Shri Parmatma Sharan, Assistant Director, Kanpur	Ditto.
6. Miss. S. Cameron, Assistant Director, New Delhi	Ditto.
7. Shri N.C. Chakrabarty, Assistant Director, Allahabad	Ditto.
8. Shri S.F. Ahmed, Assistant Director, Lucknow	Ditto.
9. Shri B.K. Sethi, Assistant Director, Jaipur	Ditto.
10. Shri R.S. Dwivedi, Assistant Director, Rampur	Ditto.
11. Shri Chalapati Rao, Assistant Director, Central Storage, Depot, Delhi	Ditto.
12. Shri Diwan Singh, Assistant Director, Central Storage Depot, Agra	Ditto.
13. Shri D.C. Nanda, Assistant Director, Raipura	Ditto.
14. Shri V.S. Bhatnagar, Assistant Director, Harduaganj	Ditto.
15. Shri S.K. Bedekar, Regional Director, Bombay	Western Region comprising the States of Madhya Pradesh, Maharashtra and Gujarat.
16. Shri Amar Singh, Assistant Director, Bhopal	Ditto.
17. Shri D.S. Gulati, Assistant Director, Ahmedabad	Ditto.
18. Shri Naval A. Mehta, Assistant Director, Bombay	Ditto.
19. Shri K.R.K. Nair, Assistant Director, Nagpur	Ditto.
20. Shri C.N. Chandiramani, Assistant Director, Bhavnagar	Ditto.
21. Shri K.S. Manjrekar, Assistant Director, Bombay	Ditto.
22. Shri H.J. Kokodkar, Technical Officer, Manmad	Ditto.
23. Shri S.M. Mukherjee, Technical Officer, Raipur	Ditto.
24. Shri S.D. Deshpande, Assistant Director, Manmad	Ditto.
25. Shri J.S. Narayana, Regional Director, Calcutta	Eastern Region comprising the States of Assam, Bihar, Orissa and West Bengal.
26. Shri B. Banerji, Deputy Director, Calcutta	Ditto.
27. Shri P.R. Kashyap, Deputy Director, Patna	Ditto.
28. Shri S.G. Tekwani, Deputy Director, Gauhati	Ditto.
29. Shri U.T. Thumpty, Assistant Director, Patna	Ditto.
30. Shri A.N. Bindal, Assistant Director, Calcutta	Ditto.
31. Shri M.K. Nag, Assistant Director, Gauhati	Ditto.
32. Shri A.N. Mukherjee, Technical Officer, Patna	Ditto.

33. Shri N. Ramesan, Regional Director, Madras	Southern Region comprising the States of Andhra Pradesh, Kerala, Madras and Mysore.
34. Shri K.S. Krishnan, Joint Director, Madras	Ditto.
35. Shri A. Rashid, Deputy Director, Madras	Ditto.
36. Shri S. Rajagopalan, Deputy Director, Hyderabad	Ditto.
37. Shri S. Sambadan, Assistant Director, Madras	Ditto.
38. Shri N.R. Mukundarajan, Assistant Director, Bangalore	Ditto.
39. Shri M. Pitchamuthu, Assistant Director, Coimbatore	Ditto.
40. Shri V. Bhaskare Rao, Assistant Director, Hyderabad	Ditto.
41. Shri V. Vasudevan, Assistant Director, Visakhapatnam	Ditto.
42. The District Officer, Bihar Government, Patna	Patna District of Bihar State.
43. The District Officer, Bihar Government, Bhagalpur	Bhagalpur District of Bihar State.
44. The District Officer, Bihar Government, Ranchi	Ranchi District of Bihar State.
45. The District Officer, Bihar Government, Santhal Parganas	Santhal Parganas District of Bihar State.
46. The District Officer, Bihar Government, Purnea	Purnea District of Bihar State.
47. The Special Officer, Incharge Rationing, Bihar Government, Patna	Patna District of Bihar State.
48. The District Officer, Bihar Government, Dhanbad	Dhanbad District of Bihar State.
49. The Regional Food Controller, Uttar Pradesh Government, Lucknow.	Lucknow Region of the State of Uttar Pradesh.
50. The Provincial Marketing Officer (Foodgrains), Uttar Pradesh Government, Lucknow.	Ditto.
51. The Deputy Regional Food Controller, Uttar Pradesh Government, Lucknow.	Ditto.
52. The Regional Marketing Officer, Uttar Pradesh Government, Lucknow.	Ditto.
53. The Regional Marketing Officer (Additional), Uttar Pradesh Government, Lucknow.	Ditto.
54. The Regional Marketing Officer (Headquarters), Uttar Pradesh Government, Lucknow.	Ditto.
55. The Regional Food Controller, Uttar Pradesh Government, Kanpur.	Kanpur Region of the State of Uttar Pradesh.
56. The Deputy Regional Food Controller, Uttar Pradesh Government, Kanpur.	Ditto.
57. The Regional Marketing Officer, Uttar Pradesh Government, Kanpur.	Ditto.
58. The Regional Marketing Officer (Additional), Uttar Pradesh Government, Kanpur.	Ditto.
59. The Regional Food Controller, Uttar Pradesh Government, Meerut.	Meerut Region of the State of Uttar Pradesh.
60. The Deputy Regional Food Controller, Uttar Pradesh Government, Meerut.	Ditto.
61. The Regional Marketing Officer, Uttar Pradesh Government, Meerut.	Ditto.
62. The Regional Marketing Officer (Additional), Uttar Pradesh Government, Meerut.	Meerut Region of the State of Uttar Pradesh.
63. The Regional Food Controller, Uttar Pradesh Government, Gorakhpur.	Gorakhpur Region of the State of Uttar Pradesh.
64. The Deputy Regional Food Controller, Uttar Pradesh Government, Gorakhpur.	Ditto.
65. The Regional Marketing Officer, Uttar Pradesh Government, Gorakhpur.	Ditto.

66. The Regional Marketing Officer (Additional), Uttar Pradesh Government, Gorakhpur.	Gorakhpur Region of the State of Uttar Pradesh.
67. The Deputy Regional Food Controller, Uttar Pradesh Government, Varanasi.	Ditto.
68. The Deputy Regional Food Controller, Uttar Pradesh Government, Bareilly.	Lucknow Region of the State of Uttar Pradesh.
69. The Deputy Regional Food Controller, Uttar Pradesh Government, Agra.	Meerut Region of the State of Uttar Pradesh.
70. The Deputy Regional Food Controller, Uttar Pradesh Government, Jhansi.	Kanpur Region of the State of Uttar Pradesh.

[No. 116/1/63—BP III]  
C. BANERJI, Dy. Secy.

### MINISTRY OF WORKS, HOUSING & REHABILITATION

(Department of Works & Housing)

New Delhi, the 17th June 1963

**G.S.R. 1094.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules to amend the Printing and Stationery (Class I and Class II posts) Recruitment Rules, 1963, namely:—

1. These rules may be called the Printing and Stationery (Class I and Class II posts) Recruitment (Amendment) Rules, 1963.

2. In the Printing and Stationery (Class I and Class II posts) Recruitment Rules, 1963, in the Schedule, under the heading 'Stationery and Administration side' against the post '1, Controller of Stationery',—

(1) in column 9, for the existing entry, the following shall be substituted, namely:—

"By promotion, failing which by transfer or deputation and failing both by direct recruitment";

(2) in column 10, for the heading 'Transfer' and the entries below it, the following shall be substituted, namely:—

"Transfer or Deputation.

Officers of suitable standing preferably with purchase experience from the Directorate General of Supplies and Disposal, Central Secretariat Service, Indian Administrative Service or Indian Audit and Accounts Service".

[No. F. 4(2)/63-S&Pl.]

New Delhi, the 18th June 1963

**G.S.R. 1095.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the recruitment to Class I and Class II posts in the Printing and Stationery Department, namely:—

1. **Short title.**—These rules may be called the Printing and Stationery (Class I and Class II posts—Photo Litho) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply to the Class I and Class II posts mentioned in column 1 of the Schedule annexed hereto.

3. **Classification and scales of pay.**—The classification of posts and the scales of pay attached thereto shall be as specified in columns 2 and 3 of the said Schedule.

4. **Nature of the posts, age limit, method of recruitment, etc.**—The nature of the posts, the age limit, the method of recruitment, qualifications and other mat-



ters relating thereto shall be as specified in columns 4 to 11 of the aforesaid Schedule:

Provided that the age limit specified in column 5 of the said Schedule may be relaxed—

(a) in the case of candidates belonging to the Scheduled castes, the Scheduled Tribes or displaced persons and other special categories of persons in accordance with the general orders of the Government of India from time to time;

(b) in the case of Government servants:

Provided further that the qualifications specified in column 6 under the heading 'Essential' may be relaxed by the Union Public Service Commission in the case of candidates who are otherwise found suitable.

5. **Probation.**—All candidates appointed to the posts shall be on probation for a period of two years.

6. **Disqualification.**—(a) No person who has more than one wife living or who having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life time of such spouse shall be eligible for appointment to the post; and

(b) No woman whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for the post:

Provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.

7. **Power to relax.**—Where the Central Government is of opinion that it is necessary or expedient so to do, it may, by order, for reasons to be recorded in writing, relax any of the provisions of these rules with respect to any class or category of persons.

8. **Interpretation.**—If any doubt arises as to the meaning or application of these rules or any of them to any person, the matter shall be referred to the Central Government, whose decision thereon shall be final.

SCHE-

## Recruitment Rules for Class I &amp; Class II posts in the Ministry of Works Housing &amp; Rehabilitation

Name of post	Classifi- cation	Scale of pay	Whether Selection post or non- selection post.	Age limit for direct recruits	Educational and other qualifica- tions required for direct re- cruits.
1	2	3	4	5	6
1. Works Mana- ger (Photo Litho Wing)	G.C.S. Class I.	Rs. 700—40— 1100—50/2— 1150.	Selection	45 years.	<p><i>Essential :—</i></p> <p>(i) Diploma in printing and allied trades, with special knowledge of Photo Lithography, or in Photography, from a recognised Institute or equivalent.</p> <p>(ii) About 8 years practical experience in Photo Lithography, including 3 years in a supervisory capacity in a well established printing firm or a Govt. Establishment.</p> <p><i>Desirable :—</i></p> <p>(i) Degree of a recognised University.</p> <p>(ii) Knowledge of cost accounting.</p>
2. Deputy Mana- ger (Photo Litho)	G.C.S. Class II	Rs. 530—30— 800—EB— 30—830	Selection	40 years.	<p><i>Essential :</i></p> <p>(i) Diploma in printing and allied trades with special knowledge of Photo Lithography from a recognised Institute or equivalent.</p> <p>(ii) About 5 years practical experience in Photo Lithography including 2 years in a supervisory capacity in a well established printing firm or a Government Establishment.</p> <p><i>Desirable :—</i>Degree from a recognised University.</p>
3. Technical Officer (Photo Litho)	G.C.S. Class II	Rs. 375—25— 575	N.A.	35 years	<p><i>Essential :</i></p> <p>(i) Diploma in printing and allied trades, with special knowledge of Photo Lithography from a recognised Institute or equivalent.</p> <p>(ii) About 4 years' practical experience in Photo Lithography in a well established printing firm or Government establishment.</p>

**RULE**

—Photo Litho Wing of the Government of India Presses

Whether age and educational qualifications prescribed for the direct recruits will apply in the case of Promotees	Method of rectt. whether by direct rectt. or by promotion or transfer & percentage of the vacancies to be filled by various methods	In case of rectt. by promotion transfer, grades from which promotion to be made	If a DPC exists what is its composition.	Circumstances in which UPSC is to be consulted in making rectt.
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No.	50% Direct Recruitment 50% Promotion failing which by direct recruitment.	Promotion: Deputy Manager with 3 years service in the grade.	Class I D.P.C.	As required under the rules.
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No.	By promotion failing which by direct recruitment.	Promotion: Technical Officer (Photo Litho) with 4 years' service in the grade.	Class II D.P.C.	As required under the rules.
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N.A.	Direct recruitment	N.A.	N.A.	As required under the rules.
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1	2	3	4	5	6
4. Technical Officer (Photo)	G.C.S. Class II	Rs. 375—25—575	N.A.	35 years	<i>Essential</i> (i) Matriculation of a recognised University, or equivalent.

(ii) Diploma or certificate from a recognised Institute in Photography.

OR

About 5 years' experience in photography in a commercial firm of repute or Government establishment, with special reference to Photostating, microstating & Microfilming work.

NOTE :—(A practical test may be held to adjudge proficiency in photography).



7	8	9	10	11
N.A.	Direct recruitment	N.A.	N.A.	As required under the rules.

[No. F. 6(1)/60-S&PI]

V. BALASUBRAHMANYAN, Dy. Secy.

(Department of Rehabilitation)

Office of the Chief Settlement Commissioner

New Delhi, the 15th June 1963

**G.S.R. 1096/R/Amdt. LXXI.**—In exercise of the powers conferred by section 40 of the Displaced Persons (Compensation and Rehabilitation) Act, 1954 (44 of 1954), the Central Government hereby makes the following rules further to amend the Displaced Persons (Compensation and Rehabilitation) Rules, 1955 namely:—

1. These Rules may be called the Displaced Persons (Compensation and Rehabilitation) Fourth Amendment Rules, 1963.

2. In the Displaced Persons (Compensation and Rehabilitation) Rules, 1955, after sub-rule (3) of rule 54, the following sub-rule shall be inserted, namely:—

“(4) Notwithstanding anything contained in this rule, if the balance compensation payable to any displaced person having verified claim in respect of agricultural land, if converted into cash does not exceed Rs. 50 such compensation may be paid in cash.”

[No. 15(6)/L&R/62 (Comp & Prop).]

N. P. DUBE, Jt. Secy.

# MINISTRY OF LABOUR AND EMPLOYMENT

New Delhi, the 18th June 1963

**G.S.R. 1097.**—In exercise of the powers conferred by section 5 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Coal Mines Bonus Scheme, published with the notification of the Government of India in the late Ministry of Labour No. PF.16(1)/48, dated the 3rd July, 1948, namely:—

1. This Scheme may be called the Coal Mines Bonus. (First Amendment) Scheme, 1963.

2. In the Coal Mines Bonus Scheme, in clause (a) of sub-paragraph (1) of paragraph 12, for the words “without reasonable cause, fails to pay” the words

“without reasonable cause, the burden of proving which shall lie upon him, fails to pay” shall be substituted.

[No. 3(203)/63-PF.I/I.]

**G.S.R. 1098.**—In exercise of the powers conferred by section 5 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Rajasthan Coal Mines Bonus Scheme, published with the notification of the Government of India in the late Ministry of Labour No. S.R.O. 3643, dated the 17th December, 1954, namely:—

1. This Scheme may be called the Rajasthan Coal Mines Bonus (First Amendment) Scheme, 1963.

2. In the Rajasthan Coal Mines Bonus Scheme, in clause (a) of sub-paragraph (1) of paragraph 12, for the words “without reasonable cause, fails to pay”, the words “without reasonable cause, the burden of proving which shall lie upon him, fails to pay” shall be substituted.

[No. 3(203)/63-PF.I/II.]

**G.S.R. 1099.**—In exercise of the powers conferred by section 5 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following scheme further to amend the Andhra Pradesh Coal Mines Bonus Scheme, published with the notification of the Government of India in the late Ministry of Labour No. S.R.O. 1705, dated the 4th October, 1952, namely:—

1. This Scheme may be called the Andhra Pradesh Coal Mines Bonus (First Amendment) Scheme, 1963.

2. In the Andhra Pradesh Coal Mines Bonus Scheme, in clause (a) of sub-paragraph (1) of paragraph 12, for the words “without reasonable cause, fails to pay”, the words “without reasonable cause, the burden of proving which shall lie upon him, fails to pay” shall be substituted.

[No. 3(203)/63-PF.I/III.]

**G.S.R. 1100.**—In exercise of the powers conferred by section 5 read with section 7 of the Coal Mines Provident Fund and Bonus Schemes Act, 1948 (46 of 1948), the Central Government hereby makes the following Scheme further to amend the Assam Coal Mines Bonus Scheme, 1955, published with the notification of the Government of India in the Ministry of Labour No. S.R.O. 2041, dated the 8th September, 1952, namely:—

1. This Scheme may be called the Assam Coal Mines Bonus (First Amendment) Scheme, 1963.

2. In the Assam Coal Mines Bonus Scheme, 1955, in clause (a) of sub-paragraph (1) of paragraph 12, for the words “without reasonable cause, fails to pay” the words “without reasonable cause, the burden of proving which shall lie upon him, fails to pay” shall be substituted.

[No. 3(203)/63-PF.I/IV.]

P. D. GAIHA, Under Secy.

(Directorate General of Employment and Training)

New Delhi, the 21st June, 1963

**G.S.R. 1101.**—In exercise of the powers conferred by clause (e) of section 2 of the Apprentices Act, 1961 (52 of 1961), and after consultation with the Central

Apprenticeship Council, the Central Government hereby specifies the following trades as designated trades for the purpose of the Act, namely:—

Trades	Code number (s) of *National Classification of Occupations
<i>Group No. 5—Building and furniture trades group</i>	
2. Plumber	
<i>Group No. 6—Maintenance trades group</i>	755·10
1. Millwright/Mechanic (Maintenance)	753·58
<i>Group No. 7—Precision Machining trades group</i>	750·35
1. Tool and Die Maker	750·20
<i>Group No. 8—Instrument trade group</i>	740·00
1. Instrument Mechanic	
<i>Group No. 9—Refrigeration and Air-conditioning trades group</i>	
1. Refrigeration and Air-conditioning Mechanic	751·63
<i>Group No. 10—Heat Engine trades group</i>	
1. Mechanic (Motor Vehicle)	753·27
2. Mechanic (Diesel)	753·35
3. Mechanic (Tractor)	753·40
4. Mechanic (Earth Moving Machinery)	753·41

\*The reference is to National Classification of Occupations adopted by the Government of India, Ministry of Labour and Employment, Directorate, General of Employment and Training.

[No. 73(1)/62-ES.]

MAHINDRA KISHORE, Under Secy.

#### MINISTRY OF COMMUNITY DEVELOPMENT & COOPERATION,

New Delhi, the 18th June 1963

G.S.R. 1102.—In exercise of the powers conferred by the proviso to article 309 of the Constitution and in supersession of the notification of the Government of India in the Ministry of Community Development and Cooperation (Department of Community Development) No. G.S.R. 1198 dated the 24th September, 1960 the President hereby makes the following rules regulating the method of recruitment to the posts of Staff Car Driver in the Ministry of Community Development and Cooperation, namely:—

1. **Short title.**—These rules may be called the Ministry of Community Development and Cooperation (Staff Car Driver) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply for recruitment to the posts specified in column 1 of the Schedule annexed hereto.

3. **Number, Classification and scale of pay.**—The number of posts, their classification and the scales of pay attached to them shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of recruitment, age limit, and other qualifications.**—The method of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 6 to 13 of the Schedule aforesaid:

Provided that the maximum age limit prescribed in column 6 of the Schedule may be relaxable in the case of any person belonging to any Scheduled Castes or Scheduled Tribes, or other special categories of persons in accordance with orders issued by the Government of India from time to time.

5. **Disqualification.**—(a). No male candidate, who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is

void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post, and

(b) no female candidate whose marriage is void by reason of her husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the post:

Provided that the Central Government may, if satisfied that there are special grounds for so ordering exempt any person, from the operation of this rule.



SCHEDULE

Recruitment rules for the post of staff car drivers in the Ministry of Community Development and Cooperation (Department of Community Development)

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of the post.	No. of posts.	Classification.	Scale of pay.	Whether selection post or non-selection post.	Age limit for direct recruits.	Educational and other qualifications required for direct recruits.	Whether age & educational qualifications prescribed for direct recruits will apply in the case of promotees.	Period of probation if any.	Method of rectification or promotion.	In case of rectification, by promotion/transfer, grades composition, from which promotion to be made.	If a DPC exists, what is its composition.	Circumstances in which UPSC is to be consulted in making recruitment.
Staff Car Driver.	5	General Central Service, Non-Ministerial, (Non-Gazetted) Class III.	Rs. 110-3-131-4-139.	Not applicable.	22-28 years relaxable in case of government servants.	Essential I : 3 years' minimum experience in motor driving with a qualifying licence.  Desirable : Middle school Standard passed.	Not applicable.	Two years.	Direct recruitment, but preference will be given to regularly appointed and qualified Class IV employees of the Ministry of Community Development & Cooperation.	Not applicable.	Not applicable.	Not applicable.

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Cooperation and its attached and subordinate offices. Where no suitable person from among them is available, recruitment will be made through the Employment Exchange.

[No. F. 1/25/62-Admn.]

, New Delhi, the 19th June 1963

**G.S.R. 1103.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to the post of Commissioner (Panchayati Raj) in the Ministry of Community Development and Cooperation, namely:—

1. **Short Title.**—These rules may be called the Ministry of Community Development and Cooperation (Commissioner, Panchayati Raj) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply to the post specified in column 1 of the Schedule annexed hereto.

3. **Number, Classification and Scale of Pay.**—The number of post, its classification and the scale of pay attached thereto shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of Recruitment, Age Limit and Other Qualifications.**—The method of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid:

Provided that the upper age limit prescribed for direct recruitment may be relaxed in the case of persons belonging to any Scheduled Caste or Scheduled Tribe or in the case of other special categories of persons in accordance with the orders of the Government of India issued from time to time.

5. **Disqualification.**—No person, who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post; and

no woman, whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the post:

Provided that the Central Government may, if satisfied that there are special grounds for so doing, exempt any person from the operation of this rule.

**SCHEDULE**  
**Recruitment Rules for the Post of Commissioner (Panchayat Raj) in the Ministry of  
 Community Development and Co-operation**

Name of Post	No. of posts	Classification	Scale of pay	Whether selection post or non selection post.	Age limit for direct recruits.	Educational and other qualifications required for direct recruits.	Whether age & educational qualifications prescribed for the direct recruits will apply in the case of promotees.	Period of probation if any.	Method of recruitment whether by direct rectt. or by promotion or transfer & percentage of the vacancies to be filled by various methods.	In case of rectt. by motion/transfer, grades from which promotion to be made.	If a DPC exists what is its position. is to be consulted in making rectt.	Circumstances in which U.P.S.C. is to be consulted in making rectt.
1	2	3	4	5	6	7	8	9	10	11	12	13
Commissioner (Panchayat Raj)	1	General Central Services, Class I.	Rs. 1800—2000—cable.	Not applicable.	50 years and below (Relaxable for Government Servants).	Essential : (i) Degree of a recognised University; and (ii) About 15 years experience in Panchayat and/or Community Development work which should include about, years in a responsible capacity in Panchayats and for Community Development.	Not applicable.	Two years.	By transfer on deputation failing which by direct recruitment (Period of deputation 5 years).	Transfer on Deputation: (i) Officers of the Indian Administrative Service, or Central Service, Class I, of suitable standing with at least 3 years experience in Panchayats and/or Community Development.	Not applicable.	As required Under the rules.

The above men-



tioned qualifications may be relaxed by the Commission at its discretion in the case of candidates otherwise well qualified.

*Desirable:*  
Master's degree in a Social Science subject.

ment work or  
(ii) Officers holding analogous posts in the State Governments with at least 5 years' experience in Panchayats and/or Community Development work.

[No. F. 11/3/61—Admn].

*New Delhi, the 20th June 1963*

**G.S.R. 1104.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to the posts of Proof Readers in the Ministry of Community Development and Cooperation, namely:—

1. **Short title.**—These rules may be called the Ministry of Community Development and Cooperation (Proof Readers) Recruitment Rules, 1963.
2. **Application.**—These rules shall apply to the posts specified in column 1 of the Schedule annexed hereto.
3. **Number, classification and scale of pay.**—The number of posts, their classification and the scale of pay attached thereto shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of recruitment, age limit and other qualifications.**—The method of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid:

Provided that the upper age limit prescribed for direct recruitment may be relaxed in the case of Scheduled Castes, Scheduled Tribes and other special categories of persons in accordance with the orders of the Government of India issued from time to time.

5. **Disqualification.**—No person, who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post; and

No woman, whose marriage is void by reason of the husband having a wife living at the time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the post:

Provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.

Recruitment Rules for the Post of Proof Reader (Senior) & Proof Reader Junior in the Ministry of Community Development & Cooperation (Department of Community Development).

Name of the post	No. of posts	Classification	Scale of pay	Whether selection post or non-selection	Age limit for direct recruits	Educational and other qualifications for direct recruits	Whether age & educational qualifications prescribed for the direct recruits will apply in the case of promotees	Period of probation if any	Method of recruitment whether by direct recruitment or by promotion or transfer and percentage of the vacancies to be filled by various methods	In case of recruitment by promotion or transfer, what is the composition of the promotion or transfer to be made	If a D.P.C. exists under which U.P.S.C. is to be consulted in making recruitment	Circumstances
1	2	3	4	5	6	7	8	9	10	11	12	13
Proof Reader (Senior)	1	General Central Services Class III, Non-Ministerial, Non-gazetted.	Rs. 168-8-256-EB-8-280-10-300.	Non-selection.	22-28 years.	Essential: 1. Matriculation 1st or 2nd Division. 2. Diploma in Proof Reading and Composition from a recognised institution. 3. At least two years experience of Proof Reading in a Government organisation.	No	2 years	By promotion failing by which direct recruitment.	From amongst Junior Proof Readers in the Ministry of Community Development and Co-operation with 3 years service in the Grade.	D.P.C. for class III posts.	Not applicable.

1	2	3	4	5	6	7	8	9	10	11	12	13
Proof Reader (Junior).	1	General Central Service Class III, Non-Ministerial, Non-gazetted.	Rs. 150-5-175-6-205-EB-7-240.	Not applicable.	21-25 years.	Desirable: Should have had some association with the working of the Government of India Presses.	Not applicable.	2 years	By direct recruitment amongst L.D.Cs for class failing within the III posts.	From am- D.P.C.		Not applicable.
						Essential: 1. Matriculation 2. Diploma in Proof Reading. 3. Practical experience of at least one year of Proof Reading in a Government organisation or a recognised institution.			ch bytrans- Ministry.			

[F. No. 11/6/62-Admn.]



(Department of Cooperation)

New Delhi, the 20th June 1963

**G.S.R. 1105.**—In exercise of the powers conferred by the provision to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment to the post of Director (Consumer Cooperatives) in the Department of Cooperation under the Ministry of Community Development and Cooperation namely:—

1. **Short title.**—These rules may be called the Department of Cooperation (Director, Consumer Cooperatives) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply for recruitment to the post specified in column 1 of the Schedule annexed hereto.

3. **Number, Classification and Scale of pay.**—The number of posts, their classification and the pay attached to these shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of recruitment, age limit and other qualifications.**—Method of recruitment, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid.

5. **Disqualification.**—(1) No male candidate, who has more than one wife living or who having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life-time of such spouse, shall be eligible for appointment to the post; and

(2) No female candidate, whose marriage is void by reason of her husband having a wife living at the time of such marriage, or who have married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the post:

Provided that the Central Government, may if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.

*Recruitment Rules for the post of Director (Consumer Cooperatives) in the Ministry of Community Development and Cooperation  
(Department of Cooperation).*

Name of the post	No. of posts	Classification	Scale of pay	Whether selection post or non-selection post	Age limit for direct recruits	Educational & other qualifications required for direct recruits	Whether age & educational qualifications prescribed for the direct recruits will apply in the case of promotions	Period of probation, if any	Method of recruitment whether by direct recruitment or by promotion or transfer & percentage of the vacancies to be filled by various methods	In case of recruitment by promotion, transfer, grades from which promotion to be made	If a D.I.C. exists what is its composition	Circumstances in which U.P.S.C. is to be consulted in making recruitment
Director, Consumer Co-operative	1	General Central Services Class I,	Rs. 1100-50-1400.	Not applicable.	Not applicable.	Not applicable.	Not applicable.	2 years.	By transfer on deputation.	Transfer on deputation : catk. of I.A.S. or Central Services Class I of suitable standing with at least 3 years' experience in Cooperation work.	Not applicable.	As required under the rules.

perience in  
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ing 3 years).

[No. F.11/3/62-Admn.(C).]

T. R. CHOPRA, Under Secy.

## MINISTRY OF EDUCATION

*New Delhi, the 24th June 1963*

**G.S.R. 1106.**—In exercise of the powers conferred by the proviso to article 309 of the Constitution, the President hereby makes the following rules regulating the method of recruitment of persons to the posts of Research Assistant in the Central Hindi Directorate, namely:—

1. **Short title.**—These rules may be called the Central Hindi Directorate (Research Assistant) Recruitment Rules, 1963.

2. **Application.**—These rules shall apply for recruitment to the posts specified in column 1 of the Schedule to these rules.

3. **Number, classification and scale of pay.**—The number of posts, their classification and the scale of pay attached thereto shall be as specified in columns 2 to 4 of the said Schedule.

4. **Method of recruitment, age limit and other qualifications.**—The method of recruitment to the said posts, age limit, qualifications and other matters connected therewith shall be as specified in columns 5 to 13 of the Schedule aforesaid.

Provided that the maximum age limit given in column 6 of the Schedule may be relaxed in the case of persons belonging to any Scheduled Castes or any Scheduled Tribe or in the case of any person in any other special category or if suitable candidates are not available, in accordance with the orders issued by the Government of India from time to time.

5. **Disqualification.**—(a) No person, who has more than one wife living or who, having a spouse living, marries in any case in which such marriage is void by reason of its taking place during the life time of such spouse, shall be eligible for appointment to the posts; and

(b) no woman, whose marriage is void by reason of the husband having a wife living at time of such marriage or who has married a person who has a wife living at the time of such marriage, shall be eligible for appointment to the posts.

Provided that the Central Government may, if satisfied that there are special grounds for so doing, exempt any person from the operation of this rule.



## Recruitment Rules for the Research Assistants in Central Hindi Directorate (Ministry of Education)

Name of Post	No. of posts	Classification	Scale of pay	Whether selection or non-selection post	Upper Age limit for direct recruits	Educational and other qualifications required for direct recruits	Whether age and educational qualifications prescribed for the direct recruits will apply in the case of promotees	Period of probation	Method of recruitment whether by direct recruitment or by promotion or transfer & percentage of the vacancies to be filled by various methods	In case of recruitment by promotion, transfer or promotion, whether by direct recruitment or by promotion or transfer & percentage of the vacancies to be filled by various methods	If a DPC exists what is its composition is to be consulted in making rectt.	Circumstances in which U.P.S.C. is to be consulted in making rectt.
1	2	3	4	5	6	7	8	9	10	11	12	13
Research Assistant (Hindi).	168	General Central Service, Class II, Non-Ministerial Non-Gazetted.	Rs. 325—15—475—EB—20—575.	Selection.	35 years and below. (Relaxable for Govt. servants).	(Terminological work) I(a) For subjects other than Hindi Essential: (i) for posts requiring knowledge of law, agriculture, medicine, or engineering — a degree of a recognised University in law, agriculture, medicine or engineering, as may be relevant for the post; (b) for post requiring knowledge of fine art,—a diploma in fine arts from a recognised institution;	No.	Two Years	90% direct Recruitment, Technical promotion, with two falling which years' recruitment grade, and by direct vice in the (subject to who qualify the avail- in the ability of departmen- suitable candidates test so far required for as the posts the subject in Trans- or work for lations are which the concerned. post is to be filled.)	Class II Departmental Promotion Com- mittee.	As required under the rules.	

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(c) for any post other than those mentioned in (a) & (b) above, Master's or equivalent honours degree in the relevant subject; and

(ii) a good knowledge of Hindi, evidence of which should be furnished with the application.

*The above-mentioned qualifications may be relaxed by the Commission at its discretion in the case of Candidates otherwise well qualified.*

*Desirable :*

(i) Experience of terminological, lexicographical, literary, journalistic work involving use of a modern Indian language.

(ii) Experience of translation from English to Hindi and *vice-versa*; and

(iii) Working knowledge of at least one modern Indian language other than

NOTE : For the post of Research Assistant (Education), candidates with Master's degree in Hindi or Sanskrit or Psychology with degree or diploma in Education of a recognised University will also be eligible.

**I(b) For Hindi  
Essential**

- (i) Master's or equivalent honours degree in Hindi with sound knowledge of English

OR

Master's degree in Sanskrit with Hindi as elective subject, at the degree stage and sound knowledge of English ; and

- (ii) Adequate interest in word studies

*The above-mentioned qualifications may be relaxed by the Commission at its discretion in the case of candidates otherwise well qualified.*

**Desirable :**

- (i) Experience of terminological, lexicographical, literary, journalistic work or translation work involving use of modern Indian language or both; and

I 2 3 4 5 6 7 8 9 10 11 12 13

(ii) working knowledge of atleast one modern Indian language other than Hindi.

I(c) *Research Assistant (Hindi) (Translation)*.

(i) Master's degree in Hindi with sound knowledge of English;

OR

Master's degree in English with Hindi as elective subject at the degree stage ;

OR

Master's degree in Sanskrit with Hindi as elective subject at the degree stage and sound knowledge of English; and

(ii) About 3 years' experience of translation work from English to Hindi and *Vice-versa*. The above mentioned qualifications may be relaxed by the Commission at its discretion in the case of candidates otherwise well qualified.



*Desirable :*

- (i) Working knowledge of at least one regional language ;
- (ii) Interest in terminological work and linguistic studies; and
- (iii) Familiarity with Law.

[No. F. 25-9/61. H. 1]